

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

915 170 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 GANTRY, 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 915 170 kg AUXILIARY COUNTERWEIGHT.

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED	
BOOM LGTH.	JIB NO. 75
77.1m	76.2m
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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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.	POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	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	683 100*				26.0
		28.0	82.1	95.1	632 000*				28.0
		30.0	80.8	94.7	587 800*	84.5	93.6	352 200*	30.0
		32.0	79.6	94.2	539 200	83.2	93.1	335 400*	32.0
		34.0	78.3	93.6	490 500	81.9	92.5	320 100*	34.0
		36.0	77.0	93.0	448 800	80.6	91.9	306 000*	36.0
		38.0	75.7	92.4	412 800	79.3	91.3	293 100*	38.0
		40.0	74.4	91.7	381 200	78.0	90.6	281 100*	40.0
		42.0	73.1	91.0	353 400	76.7	89.8	270 100*	42.0
		44.0	71.8	90.2	328 800	75.4	89.0	259 800*	44.0
		46.0	70.5	89.4	306 800	74.0	88.2	250 200*	46.0
		48.0	69.2	88.5	286 900	72.6	87.3	241 300*	48.0
		50.0	67.8	87.5	269 000	71.3	86.3	232 900*	50.0
		52.0	66.4	86.5	252 700	69.9	85.3	225 000*	52.0
		54.0	65.0	85.4	237 800	68.5	84.2	217 700*	54.0
		56.0	63.6	84.3	224 100	67.0	83.0	210 800*	56.0
		58.0	62.2	83.0	211 600	65.6	81.8	204 200*	58.0
		60.0	60.7	81.8	200 000	64.1	80.5	198 100*	60.0
		62.0	59.3	80.4	189 200	62.6	79.1	191 700*	62.0
		66.0	56.2	77.5	170 000	59.5	76.1	174 900	66.0
		70.0	53.1	74.2	153 200	56.3	72.8	157 100	70.0
		74.0	49.7	70.5	138 400	52.9	69.0	141 800	74.0
		78.0	46.2	66.4	125 200	49.3	64.7	128 200	78.0
6 9 · 5	2 2 · 8	82.0	42.4	61.6	113 500	45.4	59.9	116 000	82.0
		86.0	38.3	56.2	102 800	41.1	54.2	104 900	86.0
		90.0	33.7	49.8	91 300*	36.3	47.5	94 100*	90.0
		94.0	28.2	41.9	75 000*	30.5	39.2	79 000*	94.0
		22.9	85.6	103.7	800 000*				22.9
		24.0	85.0	103.6	782 900*				24.0
		26.0	83.8	103.2	729 200*				26.0
		28.0	82.7	102.9	665 700				28.0
		30.0	81.5	102.5	593 600	84.9	101.3	374 700*	30.0
		32.0	80.4	102.0	535 900	83.7	100.9	357 800*	32.0
		34.0	79.2	101.5	487 000	82.5	100.4	342 400*	34.0
		36.0	78.0	101.0	445 300	81.4	99.8	328 200*	36.0
		38.0	76.9	100.4	409 200	80.2	99.2	315 100*	38.0
		40.0	75.7	99.8	377 600	79.0	98.6	302 900*	40.0
		42.0	74.5	99.1	349 800	77.8	97.9	291 500*	42.0
		44.0	73.3	98.4	325 100	76.5	97.2	281 000*	44.0
		46.0	72.1	97.6	303 000	75.3	96.4	271 100*	46.0
		48.0	70.8	96.8	283 100	74.1	95.5	261 900*	48.0
		50.0	69.6	95.9	265 100	72.8	94.7	253 200*	50.0
		52.0	68.3	95.0	248 800	71.6	93.7	245 100*	52.0
		54.0	67.1	94.0	233 900	70.3	92.7	237 400*	54.0
		56.0	65.8	93.0	220 200	69.0	91.7	227 300	56.0
		58.0	64.5	91.9	207 700	67.7	90.6	214 000	58.0
		60.0	63.2	90.7	196 100	66.4	89.4	202 000	60.0
		62.0	61.9	89.5	185 300	65.0	88.2	190 900	62.0
		66.0	59.2	86.9	166 100	62.3	85.5	171 100	66.0
		70.0	56.4	84.0	149 300	59.4	82.6	153 700	70.0
		74.0	53.5	80.8	134 400	56.5	79.3	138 400	74.0
		78.0	50.5	77.2	121 300	53.4	75.7	124 800	78.0
		82.0	47.3	73.2	109 600	50.1	71.6	112 700	82.0
		86.0	43.9	68.7	99 000	46.6	67.0	101 700	86.0
		90.0	40.2	63.7	89 500	42.8	61.8	91 700	90.0
		94.0	36.2	57.9	80 700	38.7	55.7	82 500	94.0
		98.0	31.7	51.0	71 400*	34.0	48.5	73 800	98.0

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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	789 600*				24.0
		26.0	84.3	111.0	745 400*				26.0
		28.0	83.2	110.6	660 200				28.0
		30.0	82.1	110.2	590 200	85.3	109.0	387 900*	30.0
		32.0	81.1	109.8	532 300	84.2	108.6	371 700*	32.0
		34.0	80.0	109.4	483 300	83.1	108.2	357 000*	34.0
		36.0	78.9	108.9	441 500	82.0	107.6	343 300*	36.0
		38.0	77.8	108.3	405 200	80.9	107.1	330 600*	38.0
		40.0	76.7	107.7	373 600	79.8	106.5	318 900*	40.0
		42.0	75.6	107.1	345 700	78.7	105.9	307 900*	42.0
		44.0	74.5	106.4	320 900	77.5	105.2	297 600*	44.0
		46.0	73.4	105.7	298 800	76.4	104.5	288 000*	46.0
		48.0	72.2	105.0	278 800	75.3	103.7	279 000*	48.0
		50.0	71.1	104.2	260 800	74.1	102.9	268 800	50.0
		52.0	70.0	103.3	244 400	73.0	102.1	252 700	52.0
		54.0	68.8	102.4	229 500	71.8	101.1	237 300	54.0
		56.0	67.7	101.5	215 800	70.6	100.2	223 200	56.0
		58.0	66.5	100.5	203 200	69.4	99.2	210 200	58.0
		60.0	65.3	99.4	191 600	68.2	98.1	198 200	60.0
		62.0	64.1	98.3	180 800	67.0	97.0	187 100	62.0
		66.0	61.6	96.0	161 500	64.5	94.6	167 100	66.0
		70.0	59.1	93.4	144 700	62.0	92.0	149 700	70.0
		74.0	56.5	90.5	129 900	59.3	89.0	134 400	74.0
		78.0	53.9	87.3	116 700	56.6	85.8	120 800	78.0
		82.0	51.1	83.9	105 000	53.8	82.3	108 700	82.0
		86.0	48.1	80.0	94 500	50.8	78.4	97 700	86.0
		90.0	45.1	75.7	84 900	47.6	74.0	87 700	90.0
		94.0	41.8	71.0	76 200	44.3	69.1	78 700	94.0
		98.0	38.3	65.6	68 200	40.6	63.5	70 300	98.0
		102.0	34.4	59.4	60 900	36.6	57.1	62 500	102.0
		106.0	30.0	52.1	52 000*	32.0	49.4	54 500*	106.0

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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	
6 1 · 9	2 0 3	24.4	85.2	103.5	717 600*				24.4
		26.0	84.3	103.3	670 000*				26.0
		28.0	83.2	102.9	618 900*				28.0
		30.0	82.0	102.5	574 700*				30.0
		32.0	80.9	102.0	536 300*				32.0
		34.0	79.7	101.5	492 500	84.1	100.3	305 300*	34.0
		36.0	78.5	101.0	450 300	82.9	99.7	291 500*	36.0
		38.0	77.3	100.4	414 200	81.7	99.1	278 800*	38.0
		40.0	76.1	99.8	382 600	80.5	98.5	267 000*	40.0
		42.0	75.0	99.1	354 800	79.3	97.8	256 200*	42.0
		44.0	73.8	98.4	330 200	78.0	97.1	246 100*	44.0
		46.0	72.5	97.6	308 100	76.8	96.3	236 600*	46.0
		48.0	71.3	96.8	288 200	75.6	95.4	227 900*	48.0
		50.0	70.1	95.9	270 300	74.3	94.6	219 700*	50.0
		52.0	68.8	95.0	253 900	73.1	93.6	212 000*	52.0
		54.0	67.6	94.0	239 100	71.8	92.6	204 700*	54.0
		56.0	66.3	93.0	225 400	70.5	91.6	197 900*	56.0
		58.0	65.0	91.9	212 800	69.2	90.5	191 500*	58.0
		60.0	63.7	90.7	201 200	67.8	89.3	185 500*	60.0
		62.0	62.4	89.5	190 500	66.5	88.1	179 800*	62.0
		66.0	59.7	86.9	171 200	63.8	85.4	169 300*	66.0
		70.0	56.9	84.0	154 500	60.9	82.5	159 700	70.0
		74.0	54.0	80.8	139 700	57.9	79.2	144 600	74.0
		78.0	51.0	77.2	126 600	54.8	75.5	130 900	78.0
		82.0	47.8	73.2	114 800	51.6	71.4	118 700	82.0
6 9 · 5	2 2 8	86.0	44.4	68.8	104 300	48.1	66.8	107 700	86.0
		90.0	40.7	63.7	94 700	44.3	61.6	97 600	90.0
		94.0	36.7	57.9	85 000*	40.1	55.5	88 400	94.0
		98.0	32.2	51.0	71 700*	35.4	48.3	77 600*	98.0
		24.4	85.6	111.2	726 600*				24.4
		26.0	84.7	111.0	698 600*				26.0
		28.0	83.7	110.6	646 500*				28.0
		30.0	82.6	110.3	595 300				30.0
		32.0	81.5	109.8	537 600				32.0
		34.0	80.4	109.4	488 700	84.5	108.0	322 500*	34.0
		36.0	79.3	108.9	446 800	83.4	107.5	309 000*	36.0
		38.0	78.3	108.3	410 700	82.3	107.0	296 600*	38.0
		40.0	77.2	107.7	379 000	81.2	106.4	285 100*	40.0
		42.0	76.1	107.1	351 200	80.1	105.7	274 400*	42.0
		44.0	74.9	106.5	326 400	78.9	105.1	264 400*	44.0
		46.0	73.8	105.7	304 300	77.8	104.4	255 100*	46.0
		48.0	72.7	105.0	284 400	76.7	103.6	246 400*	48.0
		50.0	71.6	104.2	266 400	75.5	102.8	238 300*	50.0
		52.0	70.4	103.3	250 100	74.4	101.9	230 600*	52.0
		54.0	69.3	102.4	235 200	73.2	101.0	223 400*	54.0
		56.0	68.1	101.5	221 500	72.0	100.1	216 500*	56.0
		58.0	66.9	100.5	208 900	70.8	99.0	209 800*	58.0
		60.0	65.7	99.5	197 300	69.6	98.0	203 300*	60.0
		62.0	64.5	98.4	186 500	68.4	96.9	195 000	62.0
		66.0	62.1	96.0	167 300	65.9	94.5	174 000	66.0
		70.0	59.6	93.4	150 500	63.3	91.8	156 500	70.0
		74.0	57.0	90.5	135 700	60.7	88.9	141 200	74.0
		78.0	54.3	87.4	122 600	58.0	85.7	127 500	78.0
		82.0	51.5	83.9	110 900	55.1	82.1	115 300	82.0
		86.0	48.6	80.0	100 300	52.1	78.2	104 300	86.0
		90.0	45.5	75.8	90 800	49.0	73.8	94 300	90.0
		94.0	42.2	71.0	82 100	45.6	68.9	85 200	94.0
		98.0	38.7	65.6	74 100	41.9	63.3	76 800	98.0
		102.0	34.8	59.4	66 000	37.9	56.8	69 000	102.0
		106.0	30.4	52.1	54 900*	33.2	49.1	59 600*	106.0

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			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	721 000*				26.0
		28.0	84.1	118.4	661 900*				28.0
		30.0	83.1	118.0	592 700				30.0
		32.0	82.1	117.6	534 200				32.0
		34.0	81.1	117.2	485 100	84.9	115.8	328 100*	34.0
		36.0	80.1	116.7	443 100	83.8	115.3	315 100*	36.0
		38.0	79.0	116.2	406 900	82.8	114.8	303 100*	38.0
		40.0	78.0	115.7	375 200	81.8	114.2	291 900*	40.0
		42.0	77.0	115.1	347 200	80.7	113.7	281 400*	42.0
		44.0	76.0	114.5	322 400	79.7	113.0	271 700*	44.0
		46.0	74.9	113.8	300 200	78.7	112.4	262 600*	46.0
		48.0	73.9	113.1	280 300	77.6	111.7	254 000*	48.0
		50.0	72.8	112.4	262 200	76.5	110.9	245 900*	50.0
		52.0	71.8	111.6	245 800	75.5	110.1	238 400*	52.0
		54.0	70.7	110.8	230 800	74.4	109.3	231 200*	54.0
		56.0	69.6	109.9	217 200	73.3	108.4	224 500*	56.0
		58.0	68.6	109.0	204 500	72.2	107.5	213 700	58.0
		60.0	67.5	108.0	192 900	71.1	106.5	201 600	60.0
		62.0	66.4	107.0	182 100	70.0	105.5	190 300	62.0
		66.0	64.1	104.8	162 800	67.7	103.3	170 200	66.0
		70.0	61.8	102.5	146 000	65.4	100.9	152 700	70.0
		74.0	59.5	99.9	131 100	63.0	98.2	137 300	74.0
		78.0	57.1	97.0	118 000	60.5	95.3	123 600	78.0
		82.0	54.6	93.9	106 300	58.0	92.2	111 400	82.0
		86.0	52.0	90.5	95 700	55.4	88.7	100 400	86.0
		90.0	49.3	86.8	86 200	52.6	84.9	90 300	90.0
		94.0	46.5	82.7	77 500	49.7	80.7	81 200	94.0
		98.0	43.5	78.1	69 600	46.7	76.0	72 900	98.0
		102.0	40.3	73.1	62 300	43.4	70.8	65 200	102.0
		106.0	36.9	67.3	55 500	39.8	64.8	58 000	106.0
		110.0				35.9	57.9	51 300	110.0

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

915 170 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	486 100*				32.0
		34.0	81.0	109.4	454 500*				34.0
		36.0	79.9	108.9	426 500*	84.8	107.4	278 400*	36.0
		38.0	78.8	108.3	401 500*	83.7	106.9	265 900*	38.0
		40.0	77.7	107.7	379 000*	82.6	106.3	254 400*	40.0
		42.0	76.6	107.1	356 900	81.5	105.7	243 800*	42.0
		44.0	75.5	106.5	332 100	80.4	105.0	233 900*	44.0
		46.0	74.4	105.7	309 900	79.3	104.3	224 700*	46.0
		48.0	73.3	105.0	290 000	78.1	103.5	216 100*	48.0
		50.0	72.1	104.2	272 000	77.0	102.7	208 100*	50.0
		52.0	71.0	103.3	255 700	75.8	101.8	200 600*	52.0
		54.0	69.8	102.5	240 800	74.6	100.9	193 500*	54.0
		56.0	68.7	101.5	227 100	73.5	100.0	186 900*	56.0
		58.0	67.5	100.5	214 600	72.3	99.0	180 600*	58.0
		60.0	66.3	99.5	202 900	71.0	97.9	174 700*	60.0
		62.0	65.1	98.4	192 200	69.8	96.8	169 100*	62.0
		66.0	62.7	96.0	172 900	67.3	94.4	158 800*	66.0
		70.0	60.1	93.4	156 100	64.8	91.7	149 500*	70.0
		74.0	57.6	90.5	141 300	62.1	88.8	141 200*	74.0
		78.0	54.9	87.4	128 200	59.4	85.6	132 700	78.0
		82.0	52.1	83.9	116 500	56.5	82.0	121 300	82.0
6 9 - 5	2 2 8	86.0	49.2	80.0	106 000	53.6	78.1	110 200	86.0
		90.0	46.1	75.8	96 400	50.4	73.7	100 200	90.0
		94.0	42.8	71.0	87 700	47.0	68.8	91 000	94.0
		98.0	39.3	65.6	79 600	43.3	63.2	82 600	98.0
		102.0	35.4	59.4	68 500*	39.3	56.7	74 100	102.0
		106.0	31.0	52.1	56 600*	34.6	48.9	62 400*	106.0
		25.9	85.6	118.7	652 200*				25.9
		26.0	85.6	118.7	650 100*				26.0
		28.0	84.6	118.4	604 200*				28.0
		30.0	83.6	118.0	561 100*				30.0
		32.0	82.6	117.6	523 700*				32.0
		34.0	81.6	117.2	489 300*				34.0
		36.0	80.6	116.7	449 500	85.2	115.2	285 800*	36.0
		38.0	79.6	116.2	412 800	84.2	114.7	273 900*	38.0
		40.0	78.5	115.7	381 100	83.1	114.1	262 900*	40.0
		42.0	77.5	115.1	353 200	82.1	113.6	252 700*	42.0
		44.0	76.5	114.5	328 400	81.1	112.9	243 200*	44.0
		46.0	75.5	113.8	306 200	80.0	112.3	234 400*	46.0
		48.0	74.4	113.1	286 300	78.9	111.6	226 100*	48.0
		50.0	73.4	112.4	268 300	77.9	110.8	218 400*	50.0
		52.0	72.3	111.6	251 900	76.8	110.0	211 100*	52.0
		54.0	71.2	110.8	237 000	75.7	109.2	204 200*	54.0
		56.0	70.2	109.9	223 300	74.6	108.3	197 800*	56.0
		58.0	69.1	109.0	210 700	73.5	107.4	191 700*	58.0
		60.0	68.0	108.0	199 000	72.4	106.4	185 900*	60.0
		62.0	66.9	107.0	188 300	71.3	105.4	180 400*	62.0
		66.0	64.7	104.8	168 900	69.0	103.2	170 400*	66.0
		70.0	62.4	102.5	152 100	66.7	100.7	159 200	70.0
		74.0	60.0	99.9	137 300	64.3	98.1	143 800	74.0
		78.0	57.6	97.0	124 200	61.9	95.2	130 100	78.0
		82.0	55.1	93.9	112 500	59.3	92.0	117 900	82.0
		86.0	52.5	90.5	101 900	56.7	88.6	106 800	86.0
		90.0	49.8	86.8	92 400	53.9	84.7	96 800	90.0
		94.0	47.0	82.7	83 700	51.0	80.5	87 700	94.0
		98.0	44.0	78.1	75 800	48.0	75.8	79 300	98.0
		102.0	40.9	73.1	68 600	44.7	70.6	71 600	102.0
		106.0	37.4	67.3	61 800	41.1	64.6	64 400	106.0
		110.0				37.1	57.7	57 500	110.0

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

915 170 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	651 800*				26.0
		28.0	84.9	126.1	627 500*				28.0
		30.0	84.0	125.7	582 300*				30.0
		32.0	83.1	125.4	536 800				32.0
		34.0	82.1	125.0	487 600				34.0
		36.0	81.2	124.5	445 600	85.5	122.9	290 200*	36.0
		38.0	80.2	124.0	409 200	84.5	122.5	278 700*	38.0
		40.0	79.3	123.5	377 400	83.6	122.0	268 100*	40.0
		42.0	78.3	123.0	349 400	82.6	121.4	258 200*	42.0
		44.0	77.4	122.4	324 500	81.6	120.8	249 000*	44.0
		46.0	76.4	121.8	302 300	80.7	120.2	240 300*	46.0
		48.0	75.4	121.2	282 300	79.7	119.5	232 200*	48.0
		50.0	74.4	120.5	264 200	78.7	118.8	224 600*	50.0
		52.0	73.5	119.7	247 700	77.7	118.1	217 400*	52.0
		54.0	72.5	119.0	232 800	76.7	117.3	210 600*	54.0
		56.0	71.5	118.2	219 000	75.7	116.5	204 200*	56.0
		58.0	70.5	117.3	206 400	74.7	115.6	198 200*	58.0
		60.0	69.5	116.4	194 700	73.6	114.7	192 400*	60.0
		62.0	68.4	115.5	183 900	72.6	113.8	187 000*	62.0
		66.0	66.4	113.5	164 500	70.5	111.8	173 700	66.0
		70.0	64.3	111.3	147 700	68.4	109.5	155 700	70.0
		74.0	62.1	108.9	132 800	66.2	107.1	140 100	74.0
		78.0	59.9	106.3	119 700	63.9	104.5	126 400	78.0
		82.0	57.7	103.5	108 000	61.6	101.6	114 100	82.0
		86.0	55.3	100.5	97 400	59.3	98.5	103 000	86.0
		90.0	52.9	97.1	87 800	56.8	95.1	92 900	90.0
		94.0	50.4	93.5	79 200	54.2	91.4	83 800	94.0
		98.0	47.8	89.5	71 300	51.6	87.3	75 400	98.0
		102.0	45.1	85.1	64 000	48.8	82.8	67 700	102.0
		106.0	42.2	80.3	57 300	45.8	77.8	60 600	106.0
		110.0	39.1	75.0	51 100	42.6	72.3	53 900	110.0

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

915 170 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.	POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	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	343 100*	84.3	114.2	242 700*	40.0
		42.0	78.0	115.1	324 300*	83.3	113.6	232 500*	42.0
		44.0	77.0	114.5	307 200*	82.2	113.0	223 000*	44.0
		46.0	76.0	113.8	291 700*	81.2	112.3	214 200*	46.0
		48.0	74.9	113.1	277 500*	80.1	111.6	205 900*	48.0
		50.0	73.9	112.4	264 400*	79.0	110.9	198 200*	50.0
		52.0	72.8	111.6	252 400*	78.0	110.1	191 000*	52.0
		54.0	71.8	110.8	240 900*	76.9	109.2	184 200*	54.0
		56.0	70.7	109.9	227 900	75.8	108.3	177 900*	56.0
		58.0	69.6	109.0	215 200	74.7	107.4	171 900*	58.0
		60.0	68.5	108.0	203 600	73.6	106.4	166 300*	60.0
		62.0	67.4	107.0	192 800	72.5	105.4	160 900*	62.0
		66.0	65.2	104.8	173 500	70.2	103.2	151 100*	66.0
		70.0	62.9	102.5	156 700	67.9	100.8	142 300*	70.0
		74.0	60.6	99.9	141 900	65.5	98.2	134 300*	74.0
		78.0	58.1	97.0	128 800	63.0	95.3	127 000*	78.0
		82.0	55.6	93.9	117 100	60.5	92.1	120 000*	82.0
		86.0	53.1	90.5	106 500	57.9	88.6	112 000	86.0
6 9 - 5	2 2 8	90.0	50.4	86.8	97 000	55.1	84.8	101 800	90.0
		94.0	47.6	82.7	88 400	52.2	80.6	92 600	94.0
		98.0	44.6	78.1	80 400	49.1	75.9	84 300	98.0
		102.0	41.4	73.1	72 800	45.9	70.7	76 600	102.0
		106.0	38.0	67.3	63 400*	42.3	64.7	69 400	106.0
		110.0	34.2	60.8	52 900*	38.3	57.8	59 800*	110.0
		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	444 400*				34.0
		36.0	81.7	124.5	417 300*				36.0
		38.0	80.7	124.0	393 000*				38.0
		40.0	79.8	123.5	371 200*	84.7	122.0	248 100*	40.0
		42.0	78.8	123.0	351 500*	83.7	121.4	238 100*	42.0
		44.0	77.8	122.4	329 600	82.7	120.8	228 800*	44.0
		46.0	76.9	121.8	307 100	81.7	120.2	220 200*	46.0
		48.0	75.9	121.2	287 200	80.8	119.6	212 100*	48.0
		50.0	74.9	120.5	269 100	79.8	118.9	204 500*	50.0
		52.0	73.9	119.7	252 700	78.8	118.1	197 400*	52.0
		54.0	73.0	119.0	237 700	77.8	117.3	190 600*	54.0
		56.0	72.0	118.2	224 000	76.8	116.5	184 300*	56.0
		58.0	71.0	117.3	211 400	75.7	115.7	178 400*	58.0
		60.0	69.9	116.4	199 700	74.7	114.8	172 800*	60.0
		62.0	68.9	115.5	188 900	73.7	113.8	167 400*	62.0
		66.0	66.9	113.5	169 600	71.6	111.8	157 600*	66.0
		70.0	64.8	111.3	152 700	69.4	109.6	148 700*	70.0
		74.0	62.6	108.9	137 900	67.3	107.2	140 600*	74.0
		78.0	60.4	106.3	124 800	65.0	104.5	131 700	78.0
		82.0	58.2	103.5	113 100	62.7	101.6	119 600	82.0
		86.0	55.8	100.5	102 500	60.3	98.5	108 400	86.0
		90.0	53.4	97.1	93 000	57.9	95.1	98 400	90.0
		94.0	50.9	93.5	84 300	55.3	91.4	89 300	94.0
		98.0	48.3	89.5	76 400	52.7	87.3	80 900	98.0
		102.0	45.6	85.2	69 200	49.9	82.8	73 300	102.0
		106.0	42.7	80.3	62 500	46.9	77.9	66 200	106.0
		110.0	39.6	75.0	56 200	43.7	72.3	59 500	110.0
		114.0				40.2	66.0	53 200	114.0

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

915 170 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	537 500*				30.0
		32.0	83.9	133.1	501 400*				32.0
		34.0	83.0	132.7	470 300*				34.0
		36.0	82.2	132.3	442 500*				36.0
		38.0	81.3	131.9	410 800				38.0
		40.0	80.4	131.4	378 700	85.0	129.7	252 200*	40.0
		42.0	79.5	130.9	350 600	84.1	129.2	242 600*	42.0
		44.0	78.6	130.3	325 600	83.2	128.7	233 500*	44.0
		46.0	77.7	129.8	303 400	82.2	128.1	225 100*	46.0
		48.0	76.8	129.1	283 300	81.3	127.5	217 100*	48.0
		50.0	75.8	128.5	265 200	80.4	126.8	209 700*	50.0
		52.0	74.9	127.8	248 700	79.5	126.1	202 700*	52.0
		54.0	74.0	127.1	233 700	78.5	125.4	196 100*	54.0
		56.0	73.1	126.3	219 900	77.6	124.6	189 800*	56.0
		58.0	72.1	125.6	207 300	76.6	123.8	183 900*	58.0
		60.0	71.2	124.7	195 500	75.7	123.0	178 300*	60.0
		62.0	70.2	123.9	184 700	74.7	122.1	173 000*	62.0
		66.0	68.3	122.0	165 300	72.8	120.2	163 300*	66.0
		70.0	66.4	120.0	148 400	70.8	118.2	154 400*	70.0
		74.0	64.4	117.8	133 500	68.8	115.9	142 300	74.0
		78.0	62.4	115.4	120 400	66.7	113.5	128 200	78.0
		82.0	60.3	112.8	108 600	64.6	110.9	115 800	82.0
		86.0	58.2	110.0	98 000	62.4	108.0	104 700	86.0
		90.0	56.0	107.0	88 500	60.2	105.0	94 600	90.0
		94.0	53.7	103.7	79 800	57.9	101.6	85 500	94.0
		98.0	51.4	100.2	71 900	55.5	98.0	77 100	98.0
		102.0	49.0	96.3	64 600	53.1	94.0	69 400	102.0
		106.0	46.5	92.1	58 000	50.5	89.7	62 300	106.0
		110.0	43.8	87.5	51 800	47.7	85.0	55 700	110.0
		114.0				44.8	79.7	49 500	114.0

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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

915 170 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.	POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	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	253 100*	82.1	119.5	190 800*	48.0
		50.0	75.5	120.5	241 000*	81.1	118.8	183 300*	50.0
		52.0	74.5	119.7	229 700*	80.1	118.1	176 400*	52.0
		54.0	73.5	119.0	219 400*	79.1	117.3	169 800*	54.0
		56.0	72.5	118.2	209 800*	78.1	116.5	163 600*	56.0
		58.0	71.5	117.3	200 800*	77.1	115.6	157 800*	58.0
		60.0	70.5	116.4	192 500*	76.0	114.7	152 300*	60.0
		62.0	69.5	115.5	184 600*	75.0	113.8	147 000*	62.0
		66.0	67.4	113.5	170 500*	72.9	111.8	137 500*	66.0
		70.0	65.3	111.3	157 500	70.8	109.5	128 800*	70.0
		74.0	63.2	108.9	142 800	68.6	107.1	121 000*	74.0
		78.0	61.0	106.3	129 700	66.3	104.5	113 800*	78.0
		82.0	58.7	103.5	118 000	64.0	101.6	107 300*	82.0
		86.0	56.4	100.5	107 400	61.7	98.5	101 400*	86.0
		90.0	54.0	97.1	97 900	59.2	95.1	95 900*	90.0
69.5	228	94.0	51.5	93.5	89 300	56.7	91.4	90 800*	94.0
		98.0	48.9	89.5	81 300	54.0	87.3	85 900*	98.0
		102.0	46.1	85.2	74 100	51.2	82.8	78 100	102.0
		106.0	43.2	80.3	67 400	48.2	77.8	71 000	106.0
		110.0	40.2	75.0	58 700*	45.0	72.3	64 400	110.0
		114.0				41.5	66.0	56 800*	114.0
		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	338 900*				40.0
		42.0	80.0	130.9	320 500*	85.3	129.2	222 000*	42.0
		44.0	79.1	130.3	303 900*	84.4	128.6	213 100*	44.0
		46.0	78.2	129.8	288 700*	83.5	128.0	204 700*	46.0
		48.0	77.3	129.1	274 800*	82.6	127.4	197 000*	48.0
		50.0	76.3	128.5	262 000*	81.6	126.8	189 700*	50.0
		52.0	75.4	127.8	250 200*	80.7	126.1	182 800*	52.0
		54.0	74.5	127.1	238 700*	79.8	125.3	176 400*	54.0
		56.0	73.6	126.3	225 300	78.8	124.6	170 300*	56.0
		58.0	72.6	125.6	212 600	77.9	123.8	164 600*	58.0
		60.0	71.7	124.7	200 900	76.9	122.9	159 200*	60.0
		62.0	70.7	123.9	190 100	76.0	122.1	154 100*	62.0
		66.0	68.8	122.0	170 700	74.0	120.2	144 600*	66.0
		70.0	66.9	120.0	153 800	72.0	118.1	136 100*	70.0
		74.0	64.9	117.8	138 900	70.0	115.9	128 300*	74.0
		78.0	62.9	115.4	125 800	68.0	113.5	121 300*	78.0
		82.0	60.8	112.8	114 000	65.8	110.8	114 800*	82.0
		86.0	58.7	110.0	103 500	63.7	108.0	108 700*	86.0
		90.0	56.5	107.0	93 900	61.5	104.9	100 200	90.0
		94.0	54.2	103.7	85 300	59.2	101.5	90 800	94.0
		98.0	51.9	100.2	77 400	56.8	97.9	82 500	98.0
		102.0	49.5	96.3	70 100	54.3	93.9	74 800	102.0
		106.0	47.0	92.1	63 400	51.7	89.6	67 700	106.0
		110.0	44.3	87.5	57 200	49.0	84.9	61 100	110.0
		114.0	41.5	82.4	51 300	46.1	79.6	54 900	114.0
		118.0				42.9	73.7	49 200	118.0

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

915 170 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	428 900*				34.0
		36.0	83.1	140.1	403 300*				36.0
		38.0	82.2	139.6	380 300*				38.0
		40.0	81.4	139.2	359 500*				40.0
		42.0	80.5	138.7	340 700*	85.6	136.9	225 300*	42.0
		44.0	79.7	138.2	323 600*	84.7	136.4	216 600*	44.0
		46.0	78.8	137.7	305 200	83.9	135.9	208 500*	46.0
		48.0	78.0	137.1	284 900	83.0	135.3	201 000*	48.0
		50.0	77.1	136.5	266 700	82.1	134.7	193 900*	50.0
		52.0	76.3	135.8	250 200	81.3	134.0	187 100*	52.0
		54.0	75.4	135.2	235 100	80.4	133.3	180 800*	54.0
		56.0	74.5	134.5	221 300	79.5	132.6	174 900*	56.0
		58.0	73.6	133.7	208 600	78.6	131.9	169 200*	58.0
		60.0	72.8	132.9	196 900	77.7	131.1	163 900*	60.0
		62.0	71.9	132.1	186 000	76.8	130.2	158 800*	62.0
		66.0	70.1	130.4	166 500	75.0	128.5	149 400*	66.0
		70.0	68.3	128.5	149 600	73.1	126.6	141 000*	70.0
		74.0	66.4	126.5	134 700	71.3	124.5	133 200*	74.0
		78.0	64.5	124.2	121 500	69.3	122.2	126 200*	78.0
		82.0	62.6	121.8	109 700	67.4	119.8	117 600	82.0
		86.0	60.7	119.3	99 100	65.4	117.2	106 500	86.0
		90.0	58.7	116.5	89 500	63.4	114.3	96 400	90.0
		94.0	56.6	113.5	80 800	61.3	111.3	87 100	94.0
		98.0	54.5	110.3	72 900	59.1	108.0	78 800	98.0
		102.0	52.3	106.8	65 700	56.9	104.4	71 000	102.0
		106.0	50.0	103.0	59 000	54.6	100.6	63 900	106.0
		110.0	47.7	98.9	52 800	52.1	96.4	57 300	110.0
		114.0				49.6	91.8	51 100	114.0

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

915 170 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.	POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	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	185 100*	79.1	123.8	142 300*	58.0
		60.0	72.2	124.7	177 100*	78.1	123.0	137 100*	60.0
		62.0	71.2	123.9	169 700*	77.2	122.1	132 200*	62.0
		66.0	69.3	122.0	156 100*	75.2	120.2	123 200*	66.0
		70.0	67.4	120.0	144 100*	73.3	118.1	115 000*	70.0
		74.0	65.4	117.8	133 500*	71.2	115.9	107 700*	74.0
		78.0	63.3	115.4	123 900*	69.2	113.5	100 900*	78.0
		82.0	61.3	112.8	115 300*	67.1	110.8	94 800*	82.0
		86.0	59.1	110.0	107 200*	64.9	108.0	89 100*	86.0
		90.0	57.0	107.0	97 700	62.7	104.9	83 900*	90.0
		94.0	54.7	103.7	89 000	60.4	101.6	79 100*	94.0
6 9 · 5	2 2 8	98.0	52.4	100.2	81 100	58.0	97.9	74 700*	98.0
		102.0	50.0	96.3	73 900	55.5	94.0	70 600*	102.0
		106.0	47.4	92.1	67 200	52.9	89.6	66 700*	106.0
		110.0	44.8	87.5	61 000	50.2	84.9	63 200*	110.0
		114.0	42.0	82.4	52 700*	47.3	79.6	59 300*	114.0
		118.0				44.2	73.8	52 400*	118.0
		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	268 400*	85.0	135.8	189 800*	46.0
		48.0	78.4	137.1	255 000*	84.2	135.3	182 400*	48.0
		50.0	77.6	136.5	242 800*	83.3	134.6	175 500*	50.0
		52.0	76.7	135.8	231 500*	82.4	134.0	168 900*	52.0
		54.0	75.8	135.2	221 000*	81.5	133.3	162 700*	54.0
		56.0	75.0	134.5	211 300*	80.6	132.6	157 000*	56.0
		58.0	74.1	133.7	202 200*	79.7	131.8	151 500*	58.0
		60.0	73.2	132.9	193 800*	78.9	131.1	146 300*	60.0
		62.0	72.3	132.1	185 900*	78.0	130.2	141 400*	62.0
		66.0	70.5	130.4	170 300	76.1	128.5	132 400*	66.0
		70.0	68.7	128.5	153 600	74.3	126.5	124 200*	70.0
		74.0	66.9	126.5	138 700	72.4	124.5	116 800*	74.0
		78.0	65.0	124.3	125 600	70.5	122.2	110 000*	78.0
		82.0	63.1	121.9	113 800	68.5	119.8	103 600*	82.0
		86.0	61.1	119.3	103 300	66.6	117.2	97 800*	86.0
		90.0	59.1	116.5	93 700	64.5	114.3	92 400*	90.0
		94.0	57.0	113.5	85 100	62.4	111.3	87 400*	94.0
		98.0	54.9	110.3	77 200	60.3	108.0	82 700*	98.0
		102.0	52.7	106.8	69 900	58.0	104.4	75 800	102.0
		106.0	50.5	103.0	63 300	55.7	100.6	68 600	106.0
		110.0	48.1	99.0	57 100	53.3	96.4	62 000	110.0
		114.0	45.7	94.5	51 400	50.8	91.8	55 900	114.0
		118.0				48.1	86.8	50 100	118.0

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

915 170 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	
7 7 1	2 5 3	30.5	86.0	148.7	439 800*				30.5
		32.0	85.4	148.5	429 500*				32.0
		34.0	84.6	148.2	401 900*				34.0
		36.0	83.9	147.8	377 300*				36.0
		38.0	83.1	147.4	355 200*				38.0
		40.0	82.3	147.0	335 200*				40.0
		42.0	81.5	146.5	317 200*				42.0
		44.0	80.7	146.1	300 800*				44.0
		46.0	79.9	145.5	285 800*	85.3	143.6	192 800*	46.0
		48.0	79.0	145.0	272 000*	84.5	143.1	185 500*	48.0
		50.0	78.2	144.4	259 300*	83.6	142.5	178 800*	50.0
		52.0	77.4	143.8	247 500*	82.8	141.9	172 400*	52.0
		54.0	76.6	143.2	235 500	82.0	141.2	166 400*	54.0
		56.0	75.8	142.5	221 300	81.2	140.5	160 700*	56.0
		58.0	75.0	141.8	208 600	80.3	139.8	155 300*	58.0
		60.0	74.1	141.1	196 800	79.5	139.1	150 200*	60.0
		62.0	73.3	140.3	185 900	78.6	138.3	145 400*	62.0
		66.0	71.6	138.7	166 400	76.9	136.7	136 400*	66.0
		70.0	69.9	136.9	149 500	75.2	134.9	128 300*	70.0
		74.0	68.2	135.0	134 600	73.4	132.9	121 000*	74.0
		78.0	66.4	132.9	121 400	71.6	130.8	114 200*	78.0
		82.0	64.6	130.7	109 600	69.8	128.6	108 000*	82.0
		86.0	62.8	128.3	99 000	68.0	126.1	102 300*	86.0
		90.0	61.0	125.7	89 400	66.1	123.5	96 600	90.0
		94.0	59.1	123.0	80 700	64.2	120.7	88 400	94.0
		98.0	57.1	120.0	72 800	62.2	117.7	79 800	98.0
		102.0	55.1	116.8	65 500	60.1	114.4	72 100	102.0
		106.0	53.1	113.4	58 900	58.0	110.9	64 900	106.0
		110.0	50.9	109.7	52 700	55.9	107.1	58 300	110.0
		114.0				53.6	103.1	52 100	114.0

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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

915 170 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.	POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	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	132 800*	75.4	126.6	104 700*	70.0
		74.0	67.2	126.5	122 500*	73.5	124.6	97 600*	74.0
		78.0	65.4	124.3	113 400*	71.6	122.3	91 100*	78.0
		82.0	63.5	121.9	105 100*	69.6	119.9	85 100*	82.0
		86.0	61.5	119.3	97 700*	67.6	117.3	79 700*	86.0
		90.0	59.5	116.5	90 800*	65.6	114.4	74 700*	90.0
		94.0	57.4	113.5	84 600*	63.5	111.4	70 100*	94.0
		98.0	55.3	110.3	78 900*	61.3	108.1	65 800*	98.0
6 9 · 5	2 2 8	102.0	53.1	106.8	73 500*	59.1	104.5	61 800*	102.0
		106.0	50.9	103.1	67 500	56.8	100.7	58 100*	106.0
		110.0	48.5	99.0	61 300	54.4	96.5	54 600*	110.0
		114.0	46.1	94.6	55 200	51.9	91.9	51 400*	114.0
		118.0	43.5	89.7	47 400*	49.2	86.9	48 400*	118.0
		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	205 600*	83.0	141.3	151 200*	54.0
		56.0	76.2	142.5	196 300*	82.2	140.6	145 500*	56.0
		58.0	75.3	141.8	187 600*	81.3	139.9	140 200*	58.0
		60.0	74.5	141.1	179 600*	80.5	139.2	135 100*	60.0
		62.0	73.7	140.3	172 000*	79.6	138.4	130 300*	62.0
		66.0	72.0	138.7	158 300*	77.9	136.7	121 400*	66.0
		70.0	70.3	136.9	146 200*	76.2	134.9	113 300*	70.0
		74.0	68.5	135.0	135 400*	74.4	133.0	106 000*	74.0
		78.0	66.8	133.0	125 300	72.7	130.9	99 300*	78.0
		82.0	65.0	130.7	114 100	70.8	128.6	93 200*	82.0
		86.0	63.2	128.3	103 500	69.0	126.2	87 600*	86.0
		90.0	61.3	125.8	94 000	67.1	123.6	82 400*	90.0
		94.0	59.4	123.0	85 300	65.2	120.8	77 600*	94.0
		98.0	57.5	120.0	77 400	63.2	117.7	73 200*	98.0
		102.0	55.5	116.9	70 200	61.2	114.5	69 000*	102.0
		106.0	53.4	113.4	63 500	59.1	111.0	65 200*	106.0
		110.0	51.3	109.8	57 400	56.9	107.2	61 500*	110.0
		114.0	49.1	105.8	51 600	54.6	103.2	56 800	114.0
		118.0				52.3	98.7	50 900	118.0

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

915 170 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	
7 7 1	2 5 3	32.0	86.0	156.2	385 300*				32.0
		34.0	85.3	155.9	376 500*				34.0
		36.0	84.5	155.5	354 600*				36.0
		38.0	83.8	155.2	333 100*				38.0
		40.0	83.0	154.8	314 000*				40.0
		42.0	82.2	154.3	296 800*				42.0
		44.0	81.5	153.9	281 100*				44.0
		46.0	80.7	153.4	266 700*				46.0
		48.0	80.0	152.9	253 600*	85.7	150.9	175 300*	48.0
		50.0	79.2	152.3	241 400*	84.9	150.3	168 600*	50.0
		52.0	78.4	151.8	230 200*	84.2	149.7	162 400*	52.0
		54.0	77.6	151.2	219 900*	83.4	149.1	156 500*	54.0
		56.0	76.9	150.5	210 300*	82.6	148.5	150 900*	56.0
		58.0	76.1	149.9	201 300*	81.8	147.8	145 600*	58.0
		60.0	75.3	149.2	192 900*	81.0	147.1	140 600*	60.0
		62.0	74.5	148.5	184 800*	80.2	146.4	135 900*	62.0
		66.0	72.9	146.9	167 200	78.6	144.8	127 200*	66.0
		70.0	71.3	145.3	149 900	76.9	143.1	119 200*	70.0
		74.0	69.7	143.5	135 000	75.3	141.3	112 000*	74.0
		78.0	68.0	141.5	121 700	73.6	139.3	105 400*	78.0
		82.0	66.4	139.4	110 000	71.9	137.2	99 400*	82.0
		86.0	64.7	137.2	99 300	70.2	134.9	93 800*	86.0
		90.0	62.9	134.8	89 700	68.4	132.5	88 700*	90.0
		94.0	61.2	132.2	81 100	66.6	129.9	83 900*	94.0
		98.0	59.4	129.5	73 100	64.8	127.1	79 400*	98.0
		102.0	57.5	126.5	65 900	62.9	124.1	73 100	102.0
		106.0	55.6	123.4	59 200	61.0	120.9	65 800	106.0
		110.0	53.7	120.0	53 000	59.0	117.5	59 200	110.0
		114.0				57.0	113.8	53 000	114.0
		118.0				54.9	109.8	47 300	118.0