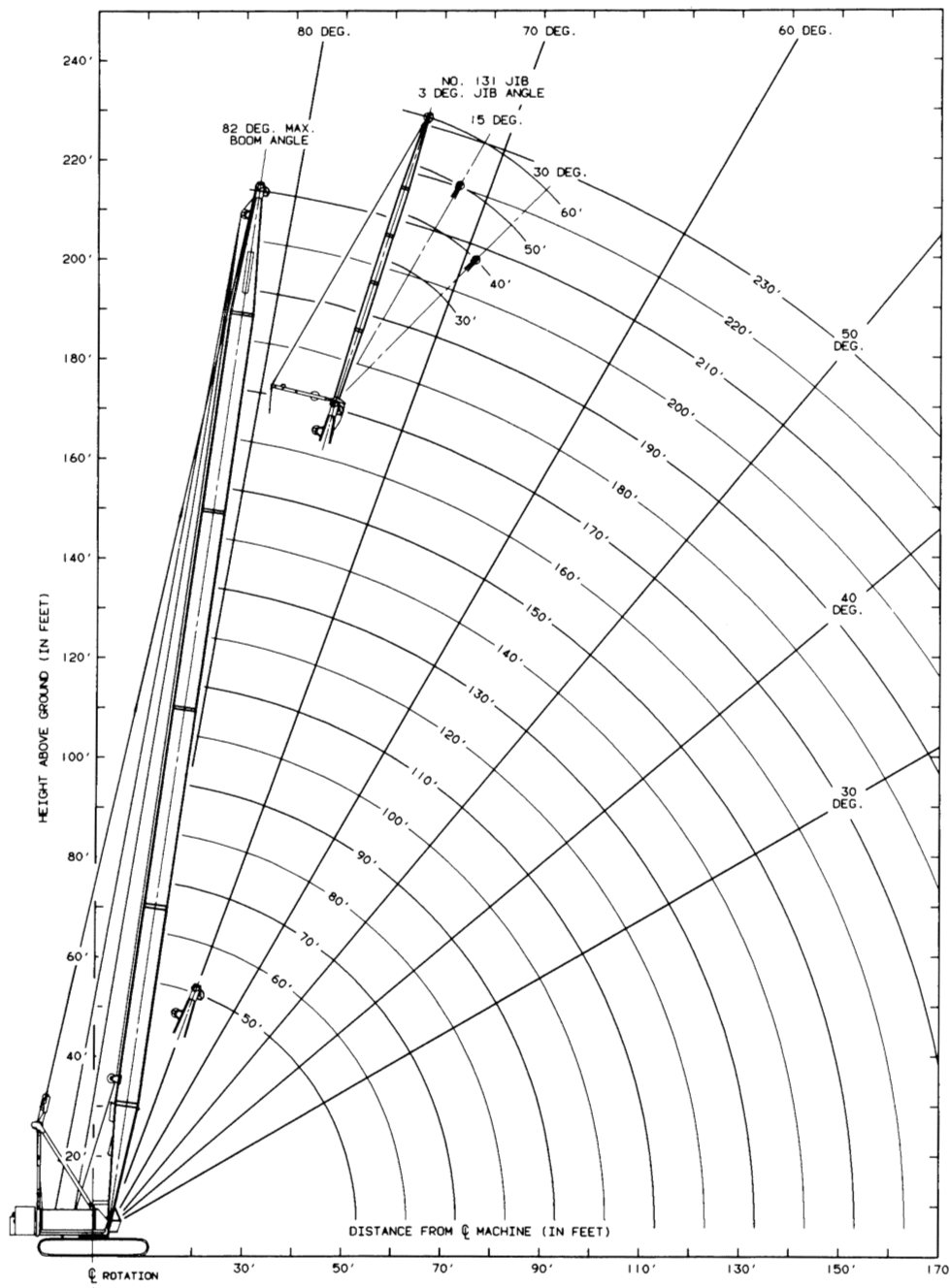
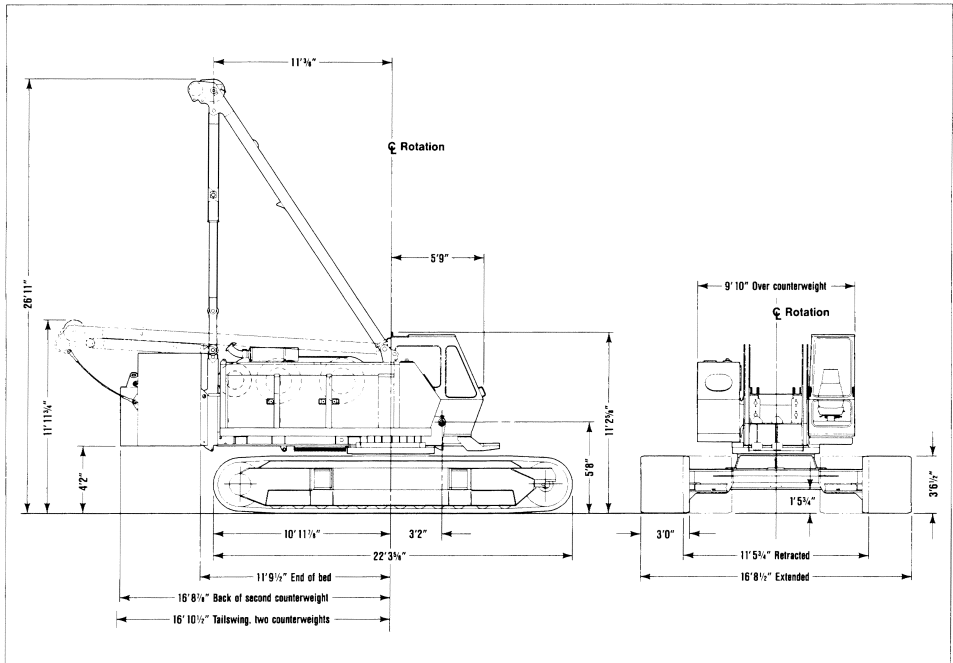




MANITOWOC M-85W – 95-Ton liftcrane

20,000 lb CLAMSHELL 18,000 lb DRAGLINE



**MANITOWOC M-85W – Outline dimensions****SPECIFICATIONS****BASIC MACHINE****Upperworks**

ROTATING BED: Fabricated steel rotating bed is mounted on 64 3/4" diameter turntable bearing.

DRUMS: Basic machine is equipped with two full-width drums. Drums are 25" wide and 19 1/4" diameter. Each drum is antifriction mounted on a separate shaft and is driven independently by a fixed-displacement hydraulic motor through a reduction gear. Internal-expanding drum clutches are spring set, air released. External-contracting drum brakes are air applied, spring released. Parking brakes are spring set, air released.

BOOM HOIST: Rear-mounted independent two-drum boom hoist is powered by a fixed-displacement hydraulic motor coupled to a planetary reduction, and is equipped with ratchet and pawl.

SWING SYSTEM: Front-mounted independent swing is powered by a fixed-displacement hydraulic motor coupled to an internal brake and planetary reduction. Includes gear-segment type swing lock.

OPERATOR'S STATION: Fully enclosed and insulated steel module mounted to the left front corner of rotating bed. Module is equipped with sliding door, large safety glass windows on all sides and roof. Electric signal horn, cab space heater, upper front windshield wiper, dome light, and air circulating fan are standard equipment.

Lowerworks

CARBODY: Single-piece steel fabricated carbody incorporates wide wings that facilitate removal from pockets in crawler frames. Crawlers hydraulically extend to 16' 8 1/2" and hydraulically retract to 11' 5 1/4".

CRAWLERS: Crawler assemblies are 22' 3 1/4" long reinforced steel fabrications with 36" closed treads and sealed "low-maintenance" rollers. Each crawler is powered independently by a variable-displacement hydraulic motor driving through a planetary reduction. Crawlers provide counter-rotation capability.

ENGINE/TRANSMISSION: Cummins 6 CTA 8.3 diesel engine rated at 234 HP at 2200 RPM provides independent power for all machine operations through the multi-hydraulic-pump transmission. Power system also includes engine block heater (120V), high silencing muffler, hydraulic oil cooler, radiator, and fan.

CONTROLS: Modulating electric-over-hydraulic controls provide infinite function speed response directly proportional to control movement. Selector switch permits hoisting drums to be operated in power-down (liftcrane), free-fall (excavator), or clamshell mode.



MANITOWOC M-85W – Performance data

Wire Rope Specifications					
Application	Dia.	Description	Breaking Strength	Weight	Max. Operating Length
Lift	7⁄8"	6 x 25 EIPS Regular Lay	79,600 Lbs.	1.42 Lbs./Ft.	779' Hoist 779' Whip
Clam	7⁄8"	6 x 25 EIPS Regular Lay	79,600 Lbs.	1.42 Lbs./Ft.	300' Closing 240' Holding
Drag	7⁄8"	6 x 25 EIPS Lang Lay	79,600 Lbs.	1.42 Lbs./Ft.	215' Hoist 135' Drag
Boom Hoist	5⁄8"	6 x 26 EIPS Alternate Lay	41,200 Lbs.	0.72 Lbs./Ft.	690'

Line Pull Vs. Line Speed* — Line Pull Infinitely Variable From 0 to 20,000 Lbs.			
Line Pull	Line Speed	Divert 1 Travel Pump	Divert 2 Travel Pumps
0 Lbs.	217 FPM	354 FPM	488 FPM
5,000 Lbs.	213 FPM	343 FPM	470 FPM
10,000 Lbs.	210 FPM	337 FPM	452 FPM
15,000 Lbs.	208 FPM	310 FPM	310 FPM
20,000 Lbs.	204 FPM	231 FPM	231 FPM

*Chart data based on 19⁄4" diameter smooth drum, 5th layer.

- SWING SPEED:** 3.5 RPM.
- TRAVEL SPEED:** 1.0 MPH.
- GRADEABILITY:** 30%.
- BOOM HOIST SPEED:** 210' boom, 0° to 82° — 1 minute, 38 seconds.

LIFTCRANE ATTACHMENT

BASIC BOOM: The liftcrane is equipped with 50' No. 47 basic boom consisting of 25' butt and 25' top with five 22" diameter antifriction-bearing-mounted steel sheaves. Includes rope guides, boom hoist wire rope, boom angle indicator, and hook and weight ball.

Gantry with telescopic backhitch and power operated back-hitch pins.

Telescopic air-cushioned boom stop.

Automatic boom stop.

COUNTERWEIGHT: Two-piece removable counter-weight, total 46,500 lbs., with power-operated pins and with counterweight-handling pendants.

OPTIONAL EQUIPMENT

- BOOM AND JIB:**
- 10' No. 47 Boom insert with pendants
 - 20' No. 47 Boom insert with pendants
 - 40' No. 47 Boom insert with pendants
 - 30' No. 131 Jib with mounting parts
 - 10' Jib insert with pendants

ATTACHMENTS:

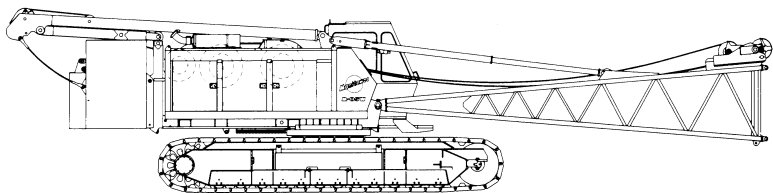
- Manitowoc 95-ton five-sheave load block
- Single-sheave upper boom point (whipline)
- Pendant links for load-moment sensor pin
- Dragline fairlead
- Tagline, Rud-O-Matic No. 1248, two barrel
- Liftcrane lagging, 20¾" diameter, grooved for ¾" diameter rope — front/rear
- Clamshell/dragline lagging, 20¾" diameter, grooved for ¾" diameter rope — front/rear
- Lift/clam/drag wire rope, 7⁄8" diameter, 6x25 EIPS
- Machine preparation for X-SPANDER®
- X-SPANDER attachment
- Other attachments on request

BASIC MACHINE OPTIONS:

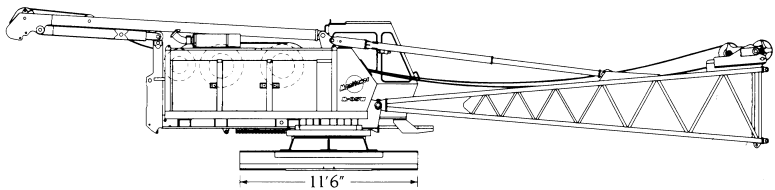
- Split drum shaft assembly in place of single drum shaft
- Drum rotation indicators (2)
- Windshield wiper, lower front window
- Windshield wiper, roof window
- Ether starting aid
- Alcohol injector in air line
- Fire extinguisher
- Air conditioner in operator's cab
- Hydraulic third drum on front of rotating bed, 11,000 lb. line pull
- Special paint — machinery enamel in color other than Manitowoc standard
- Block up limit control for load or auxiliary line
- Bail limit control for hoist drums



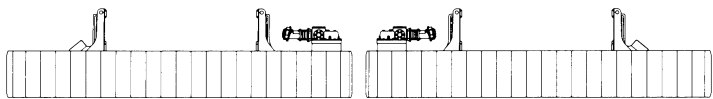
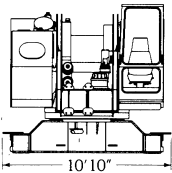
MANITOWOC M-85W – Shipping data (all dimensions length x width x height)



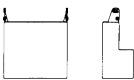
Complete liftcrane less boom top: 149,880 Lbs.
49'5" x 11'6" x 12'0"



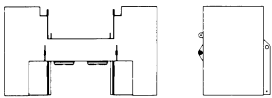
Basic machine with boom butt & gantry: 57,695 Lbs.
49'5" x 10'10" x 10'6"



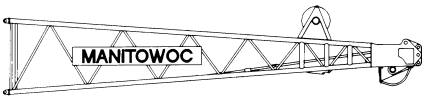
Crawler frames (with counterweights): Each 22,750 Lbs.
22'4" x 5'9" x 3'7"



Outer counter-weight: 6,500 Lbs.
4'7" x 4'2" x 2'0"



Inner counterweight: 40,000 Lbs.
9'10" x 4'8" x 5'9"



Boom top: 3,290 Lbs.
25'0" x 5'0" x 5'4"

Unit	Weight (Lbs.)	Dimensions (L x W x H)
10' Boom insert	715	10'4" x 5' x 5'4"
20' Boom insert	1,195	20'4" x 5' x 5'4"
40' Boom insert	2,260	40'4" x 5' x 5'4"
30' Basic jib	2,035	Pack inside 40' boom insert
10' jib insert	205	Pack inside 40' boom insert
95-Ton hook block with steel sheaves	2,180	6'6" x 2'6" x 2'4"
Weight ball	610	4'2" x 2'4" x 2'4"
Pendant box	1,200	5' x 5' x 2'
Miscellaneous box	2,700	8' x 4' x 4'

**MANITOWOC M-85W – Liftcrane capacities****boom no. 47 3 080 KG CRAWLER FRAME COUNTERWEIGHT****21 090 KG COUNTERWEIGHT****6 807 MM CRAWLERS EXTENDED****360° RATING**

Capacities for various boom lengths and operating radii are for freely suspended loads and are calculated to comply with BS 1757-1986 clause 9, I.S.O. 4305 and BS 2573 part 1 – 1983 tables 5(a) and 6(a). Capacities based on structural competence are denoted by an asterisk(*).

Upper boom point capacity for liftcrane service with single part whip line is 9 070kg. In all cases, upper boom point capacities cannot exceed those listed for the 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 the 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 crawlers fully extended (5 093mm) and gantry up. Refer to boom rigging no. 169352 and wire rope specification chart no. 7554-A. Crane operator judgement must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation.

Machine may be operated in winds up to those shown in table provided crane operator judgement is

used to allow for wind effect on the lifted load and other considerations noted on the capacity chart are followed. Wind will have a considerable effect on a load with a large 'sail area' and must be compensated for accordingly by reducing load ratings, reducing operating speeds or by a combination of both. Recommend stopping operation when wind is above those shown in table and tying off or lowering boom when wind is above 16 m/s.

Machine to travel on a firm, level and uniformly supporting surface and boom within the boom angle range shown in capacity chart.

Operating radius is the horizontal distance from the axis of rotation to the centre of vertical hoist line or load block. Boom angle is the angle between horizontal and centreline 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 centreline of boom point shaft.

Machine equipped with 6 807mm extendible crawlers, 914mm treads, 5 791mm retractable gantry, 12 part boom hoist reeving, two 35mm boom pendants, 1st counterweight = 18 140kg, and 2nd counterweight = 2 950kg and two 1 540kg crawler frame counterweights.

WIND LIMITS DURING OPERATION		MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED				DEDUCT FROM CAPACITIES WHEN JIB IS ATTACHED	
MAXIMUM WIND VELOCITY	BOOM LENGTH	OVER END OF BLOCKED CRAWLERS		OVER SIDE OF EXTENDED CRAWLERS			
m/s	METERS	BOOM LGTH.	JIB NO. 131	BOOM LGTH.	JIB NO. 131	JIB LGTH.	JIB NO. 131
14	15.2 - 45.7	64.0m	---	---	---	9.1m	1 000 kg
10	48.8 - 57.9	61.0m	---	51.8m	---	12.2m	1 180 kg
7	61.0 - 64.0	57.9m	---	48.8m	15.2m	15.2m	1 410 kg
		54.9m	15.2m	45.7m	18.3m	18.3m	1 630 kg
		51.8m	18.3m				
LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START.							

CONSULT JIB CHART FOR JIB CAPACITIES.

BOOM LGTH. METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM LGTH. METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	CAPACITY KILOGRAMS
1 5 2	5 0	3.7	80.7	16.7	86 100*	1 8 3	6 0	4.0	81.3	19.8	78 100*
		4.0	79.6	16.7	80 000*			4.5	79.8	19.7	69 500*
		4.5	77.7	16.6	69 600*			5.0	78.2	19.6	62 300*
		5.0	75.7	16.4	62 500*			5.5	76.5	19.4	56 400*
		5.5	73.8	16.3	56 500*			6.0	74.9	19.3	49 900
		6.0	71.8	16.1	50 000			7.0	71.6	19.0	39 000
		7.0	67.8	15.7	39 100			8.0	68.3	18.6	31 900
		8.0	63.6	15.2	32 100			9.0	64.8	18.2	26 900
		9.0	59.3	14.7	27 000			10.0	61.3	17.6	23 200
		10.0	54.7	14.0	23 300			11.0	57.6	17.0	20 300
		11.0	49.9	13.2	20 400			12.0	53.8	16.3	18 000
		12.0	44.7	12.2	18 100			14.0	45.4	14.6	14 500
		14.0	32.3	9.6	14 700			16.0	35.6	12.1	12 100
								18.0	22.2	8.4	10 300

**MANITOWOC M-85W – Liftcrane capacities boom no. 47****3 080 KG CRAWLER FRAME COUNTERWEIGHT****21 090 KG COUNTERWEIGHT****6 807 MM CRAWLERS EXTENDED****360° RATING**

BOOM LGTH. METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	CAPACITY KILOGRAMS
21.3	70	4.3	81.8	22.8	70 700*
		4.5	81.2	22.8	68 700*
		5.0	79.9	22.7	62 000*
		5.5	78.5	22.6	56 100*
		6.0	77.1	22.5	49 900
		7.0	74.3	22.2	38 900
		8.0	71.5	21.9	31 800
		9.0	68.6	21.5	26 800
		10.0	65.7	21.1	23 100
		11.0	62.7	20.6	20 200
		12.0	59.6	20.0	17 900
		14.0	53.1	18.6	14 400
24.4	80	16.0	46.0	16.9	12 000
		18.0	37.8	14.6	10 100
		20.0	27.6	11.4	8 700
		4.9	81.4	25.8	62 600*
		5.0	81.1	25.8	61 400*
		5.5	80.0	25.7	56 000*
		6.0	78.8	25.6	49 800
		7.0	76.3	25.4	38 900
		8.0	73.9	25.1	31 700
		9.0	71.4	24.8	26 700
		10.0	68.9	24.4	23 000
		11.0	66.4	24.0	20 100
27.4	90	12.0	63.8	23.5	17 800
		14.0	58.4	22.3	14 300
		16.0	52.6	20.9	11 800
		18.0	46.4	19.2	10 000
		20.0	39.4	17.0	8 600
		22.0	31.1	14.1	7 500
		24.0	19.8	9.7	6 500
		5.2	81.7	28.8	56 600*
		5.5	81.1	28.8	55 700*
		6.0	80.0	28.7	49 800
		7.0	77.9	28.5	38 700
		8.0	75.7	28.2	31 600
		9.0	73.6	28.0	26 600
		10.0	71.4	27.6	22 800
		11.0	69.1	27.3	19 900
		12.0	66.9	26.8	17 600
		14.0	62.2	25.9	14 200
		16.0	57.4	24.7	11 700
		18.0	52.2	23.2	9 900
		20.0	46.7	21.5	8 400
		22.0	40.5	19.3	7 300
		24.0	33.5	16.6	6 400
		26.0	24.7	12.9	5 600

BOOM LGTH. METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	CAPACITY KILOGRAMS
30.5	100	5.5	82.0	31.9	51 000*
		6.0	81.0	31.8	49 000
		7.0	79.1	31.6	38 600
		8.0	77.2	31.4	31 500
		9.0	75.3	31.1	26 500
		10.0	73.3	30.8	22 700
		11.0	71.3	30.5	19 800
		12.0	69.3	30.1	17 500
		14.0	65.2	29.3	14 000
		16.0	61.0	28.2	11 600
		18.0	56.6	27.0	9 700
		20.0	51.9	25.5	8 300
33.5	110	22.0	46.9	23.8	7 200
		24.0	41.5	21.7	6 300
		26.0	35.3	19.1	5 500
		28.0	28.0	15.8	4 800
		30.0	18.3	11.0	4 200
		6.1	81.7	34.9	45 900*
		7.0	80.1	34.7	38 600
		8.0	78.4	34.5	31 400
		9.0	76.6	34.3	26 400
		10.0	74.9	34.0	22 600
		11.0	73.1	33.7	19 700
		12.0	71.3	33.4	17 400
36.6	120	14.0	67.6	32.6	13 900
		16.0	63.8	31.7	11 500
		18.0	60.0	30.6	9 700
		20.0	55.9	29.3	8 200
		22.0	51.6	27.8	7 100
		24.0	47.1	26.1	6 100
		26.0	42.2	24.0	5 400
		28.0	36.8	21.6	4 700
		30.0	30.5	18.5	4 200
		32.0	22.7	14.4	3 700
		6.4	81.9	37.9	41 500*
		7.0	81.0	37.8	38 300
		8.0	79.4	37.6	31 300
		9.0	77.8	37.4	26 300
		10.0	76.1	37.2	22 500
		11.0	74.5	36.9	19 600
		12.0	72.9	36.6	17 300
		14.0	69.6	35.9	13 900
		16.0	66.2	35.1	11 400
		18.0	62.7	34.1	9 500
		20.0	59.1	33.0	8 100
		22.0	55.3	31.7	7 000
		24.0	51.4	30.1	6 100
		26.0	47.3	28.4	5 300
		28.0	42.8	26.4	4 600
		30.0	37.9	24.0	4 100
		32.0	32.4	21.1	3 600
		34.0	25.9	17.4	3 100

**MANITOWOC M-85W – Liftcrane capacities boom no. 47****3 080 KG CRAWLER FRAME COUNTERWEIGHT****21 090 KG COUNTERWEIGHT****6 807 MM CRAWLERS EXTENDED****360° RATING**

BOOM LGTH. METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	CAPACITY KILOGRAMS
39.6	130	7.0	81.7	40.9	37 400*
		8.0	80.2	40.7	31 200
		9.0	78.7	40.5	26 200
		10.0	77.2	40.3	22 400
		11.0	75.7	40.1	19 500
		12.0	74.2	39.8	17 200
		14.0	71.2	39.1	13 700
		16.0	68.1	38.4	11 200
		18.0	65.0	37.5	9 400
		20.0	61.7	36.5	7 900
		22.0	58.4	35.3	6 800
		24.0	54.9	34.0	5 900
		26.0	51.2	32.4	5 100
		28.0	47.4	30.7	4 400
		30.0	43.3	28.7	3 900
		32.0	38.9	26.4	3 400
		34.0	33.9	23.6	3 000
		36.0	28.3	20.2	2 600
		38.0	21.2	15.8	2 200
42.7	140	7.3	81.8	43.9	34 000*
		8.0	80.9	43.8	30 900
		9.0	79.5	43.6	26 000
		10.0	78.2	43.4	22 300
		11.0	76.8	43.2	19 400
		12.0	75.4	42.9	17 000
		14.0	72.6	42.4	13 600
		16.0	69.8	41.7	11 100
		18.0	66.9	40.9	9 200
		20.0	63.9	39.9	7 800
		22.0	60.9	38.9	6 700
		24.0	57.7	37.6	5 700
		26.0	54.5	36.3	5 000
		28.0	51.1	34.7	4 300
		30.0	47.5	33.0	3 700
		32.0	43.7	31.0	3 300
		34.0	39.7	28.7	2 800
		36.0	35.2	26.1	2 500
		38.0	30.2	22.9	2 100
		40.0	24.2	19.0	1 800
45.7	150	7.6	82.0	47.0	31 100*
		8.0	81.5	46.9	30 500*
		9.0	80.2	46.7	25 900
		10.0	79.0	46.5	22 200
		11.0	77.7	46.3	19 300
		12.0	76.4	46.1	17 000
		14.0	73.8	45.6	13 500
		16.0	71.2	44.9	11 000
		18.0	68.5	44.2	9 200
		20.0	65.8	43.3	7 800
		22.0	63.0	42.3	6 600
		24.0	60.1	41.2	5 700
		26.0	57.2	40.0	4 900
		28.0	54.1	38.6	4 200
		30.0	50.9	37.0	3 700
		32.0	47.6	35.3	3 200
		34.0	44.1	33.3	2 800
		36.0	40.3	31.1	2 400
		38.0	36.3	28.5	2 100
		40.0	31.7	25.5	1 800
		42.0	26.5	21.9	1 500

BOOM LGTH. METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	CAPACITY KILOGRAMS
48.8	160	8.2	81.8	50.0	27 800*
		9.0	80.9	49.8	25 900
		10.0	79.7	49.7	22 100
		11.0	78.5	49.5	19 200
		12.0	77.3	49.2	16 900
		14.0	74.8	48.7	13 400
		16.0	72.4	48.1	10 900
		18.0	69.9	47.4	9 100
		20.0	67.4	46.6	7 600
		22.0	64.8	45.7	6 500
		24.0	62.2	44.7	5 600
		26.0	59.4	43.6	4 800
		28.0	56.7	42.3	4 100
		30.0	53.8	40.9	3 500
		32.0	50.8	39.3	3 000
		34.0	47.7	37.6	2 600
		36.0	44.4	35.7	2 300
		38.0	40.9	33.5	1 900
		40.0	37.2	31.0	1 600
51.8	170	8.5	82.0	53.0	24 100*
		9.0	81.4	52.9	24 100*
		10.0	80.3	52.8	22 100
		11.0	79.1	52.6	19 100
		12.0	78.0	52.4	16 700
		14.0	75.7	51.9	13 200
		16.0	73.4	51.3	10 700
		18.0	71.1	50.7	8 900
		20.0	68.8	49.9	7 400
		22.0	66.4	49.1	6 300
		24.0	63.9	48.1	5 400
		26.0	61.4	47.1	4 600
		28.0	58.9	45.9	3 900
		30.0	56.2	44.6	3 400
		32.0	53.5	43.2	2 900
		34.0	50.7	41.6	2 500
		36.0	47.8	39.9	2 100
		38.0	44.7	38.0	1 700
		40.0	41.4	35.8	1 400
54.9	180	8.8	82.1	56.0	21 100*
		9.0	81.9	56.0	21 100*
		10.0	80.8	55.8	20 900*
		11.0	79.8	55.7	18 900
		12.0	78.7	55.5	16 600
		14.0	76.6	55.0	13 100
		16.0	74.4	54.5	10 600
		18.0	72.2	53.9	8 800
		20.0	70.0	53.2	7 400
		22.0	67.8	52.4	6 200
		24.0	65.5	51.5	5 200
		26.0	63.1	50.5	4 500
		28.0	60.8	49.5	3 800
		30.0	58.3	48.3	3 200
		32.0	55.9	47.0	2 800
		34.0	53.3	45.5	2 300
		36.0	50.6	43.9	2 000
		38.0	47.8	42.2	1 600

**MANITOWOC M-85W – Liftcrane capacities boom no. 47****3 080 KG CRAWLER FRAME COUNTERWEIGHT****21 090 KG COUNTERWEIGHT****6 807 MM CRAWLERS EXTENDED****360° RATING**

BOOM LGTH. METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	CAPACITY KILOGRAMS
57.9	190	9.8	81.5	59.0	18 500*
		10.0	81.3	58.9	18 500*
		11.0	80.3	58.8	18 300*
		12.0	79.3	58.6	16 600
		14.0	77.3	58.2	13 000
		16.0	75.2	57.7	10 500
		18.0	73.2	57.1	8 700
		20.0	71.1	56.4	7 200
		22.0	69.0	55.7	6 100
		24.0	66.8	54.9	5 100
		26.0	64.7	53.9	4 400
		28.0	62.5	52.9	3 700
		30.0	60.2	51.8	3 200
		32.0	57.9	50.6	2 700
		34.0	55.5	49.3	2 200
		36.0	53.1	47.8	1 900
		38.0	50.5	46.3	1 500
61.0	200	9.8	81.9	62.0	16 100*
		10.0	81.7	62.0	16 100*
		11.0	80.8	61.9	16 000*
		12.0	79.8	61.7	15 900*
		14.0	77.9	61.3	12 900
		16.0	76.0	60.8	10 400
		18.0	74.0	60.3	8 600
		20.0	72.1	59.6	7 100
		22.0	70.1	58.9	5 900
		24.0	68.1	58.2	5 000
		26.0	66.0	57.3	4 200
		28.0	63.9	56.4	3 600
		30.0	61.8	55.3	3 000
		32.0	59.7	54.2	2 500
		34.0	57.5	53.0	2 100
		36.0	55.2	51.6	1 700
		38.0	52.9	50.1	1 400

BOOM LGTH. METERS	BOOM LGTH. FEET	OPER. RADIUS METERS	BOOM ANG. DEG.	BOOM POINT ELEV. METERS	CAPACITY KILOGRAMS
64.0	210	10.4	81.8	65.0	14 200*
		11.0	81.2	64.9	14 100*
		12.0	80.3	64.8	14 000*
		14.0	78.5	64.4	12 900
		16.0	76.7	63.9	10 200
		18.0	74.8	63.4	8 400
		20.0	73.0	62.8	6 900
		22.0	71.1	62.2	5 800
		24.0	69.2	61.4	4 900
		26.0	67.2	60.6	4 100
		28.0	65.3	59.7	3 400
		30.0	63.3	58.8	2 800
		32.0	61.3	57.7	2 400
		34.0	59.2	56.6	1 900
		36.0	57.1	55.3	1 500

**MANITOWOC M-85W – Liftcrane jib capacities jib no. 131****with 3 658mm strut on boom no. 47 3 080 KG CRAWLER FRAME COUNTERWEIGHT****21 090 KG COUNTERWEIGHT****6 807 MM CRAWLERS EXTENDED****360° RATING**

Chart supplements boom capacity chart no. 7534-AM. Capacities for various boom lengths, jib lengths and jib operating radii are for freely suspended loads and are calculated to comply with BS 1757-1986 clause 9, I.S.O. 4305 and BS 2573 part 1 – 1983 tables 5(a) and 6(a). Capacities based on structural competence are denoted by an asterisk(*).

Weight of all load blocks, hooks, weight ball, slings hoist lines, etc., beneath boom and jib point sheaves, is considered part of the jib load. Boom and jib are not to be lowered beyond radii where combined weights are greater than rated capacity. Where no capacity is shown, operation is not intended or approved.

Machine to operate in a level position on a firm uniformly supporting surface with crawlers fully extended (5 093mm) and gantry up. Refer to boom rigging no. 169352, jib assembly no. 169356 and wire rope specification chart no. 7554-A. Crane operator judgement must be used to allow for dynamic load effects of swinging, hoisting or lowering, travel, wind conditions, as well as adverse operating conditions and physical machine depreciation.

Machine may be operated in winds up to those shown in table provided crane operator judgement is used to allow for wind effect on the lifted load and

other considerations noted on the capacity chart are followed. Wind will have a considerable effect on a load with a large 'sail area' and must be compensated for accordingly by reducing load ratings, reducing operating speeds or by a combination of both. Recommend stopping operation when wind is above those shown in table and tying off or lowering boom when wind is above 16 m/s.

Machine to travel on a firm, level and uniformly supporting surface and boom within the boom angle range shown in capacity chart.

Operating radius is the horizontal distance from the axis of rotation to the centre of vertical hoist line or load block. Boom angle is the angle between horizontal and centreline 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 centreline of jib point shaft.

Machine equipped with 6 807mm extendible crawlers, 914mm treads, 5 791mm retractable gantry, 12 part boom hoist reeving, two 35mm boom pendants, 1st counterweight = 18 140kg, and 2nd counterweight = 2 950kg, and two 1 540kg crawler frame counterweights.

Maximum capacity on 22mm British Dyform 34LR 1960 N/mm² wire rope is 9 000kg.

WIND LIMITS DURING OPERATION		
MAXIMUM WIND VELOCITY	BOOM LENGTH	JIB LENGTH
m/s	METERS	METERS
14	27.4 – 45.7	9.1 – 18.3
10	48.8 – 51.8	9.1 – 18.3
10	54.9	9.1 – 15.2

MAXIMUM BOOM AND JIB LENGTHS LIFTED UNASSISTED			
OVER END OF BLOCKED CRAWLERS		OVER SIDE OF EXTENDED CRAWLERS	
BOOM LGTH.	JIB NO. 131	BOOM LGTH.	JIB NO. 131
64.0m	---	54.9m	---
61.0m	---	51.8m	---
57.9m	---	48.8m	15.2m
54.9m	15.2m	45.7m	18.3m
51.8m	18.3m		
LOAD BLOCK, HOOK AND WEIGHT BALL ON GROUND AT START.			

9.1m (30 FT.) JIB

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	3 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	POINT ELEV. METERS	CAPACITY KILOGRAMS	
27.4	90	9.1	78.8	37.9	9 000*							9.1
		10.0	77.3	37.7	9 000*							10.0
		11.0	75.7	37.5	9 000*	78.6	37.2	9 000*				11.0
		12.0	74.1	37.2	9 000*	77.0	36.9	9 000*				12.0
		13.0	72.5	36.9	9 000*	75.3	36.6	9 000*	78.4	35.8	9 000*	13.0
		14.0	70.9	36.5	9 000*	73.7	36.2	9 000*	76.7	35.5	9 000*	14.0
		15.0	69.2	36.1	9 000*	72.0	35.8	9 000*	75.0	35.1	9 000*	15.0
		16.0	67.5	35.7	9 000*	70.3	35.4	9 000*	73.3	34.6	9 000*	16.0
		17.0	65.8	35.3	9 000*	68.6	35.0	9 000*	71.5	34.2	9 000*	17.0
		18.0	64.1	34.8	9 000*	66.9	34.5	9 000*	69.7	33.7	9 000*	18.0
		19.0	62.4	34.2	9 000*	65.1	33.9	9 000*	67.9	33.1	9 000*	19.0
		20.0	60.6	33.7	8 900	63.3	33.4	8 900*	66.1	32.5	8 900*	20.0
		21.0	58.8	33.1	8 300	61.5	32.8	8 400	64.2	31.9	8 600	21.0
		22.0	56.9	32.4	7 700	59.6	32.1	7 900	62.3	31.2	8 100	22.0
		24.0	53.1	31.0	6 800	55.7	30.6	6 900	58.3	29.7	7 100	24.0
		26.0	49.1	29.3	6 000	51.7	28.9	6 100	54.1	28.0	6 200	26.0
		28.0	44.8	27.3	5 300	47.3	27.0	5 400	49.5	25.9	5 500	28.0
		30.0	40.1	25.1	4 700	42.5	24.7	4 800				30.0
		34.0	28.8	19.0	3 800							34.0

**MANITOWOC M-85w – Liftcrane jib capacities jib no. 131****with 3 658mm strut on boom no. 47 3 080 KG CRAWLER FRAME COUNTERWEIGHT****21 090 KG COUNTERWEIGHT****6 807 MM CRAWLERS EXTENDED****360° RATING****9.1m (30 FT) JIB**

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	3 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
30.5	100	9.1	79.6	41.0	9 000*							9.1
		10.0	78.3	40.9	9 000*							10.0
		11.0	76.8	40.6	9 000*	79.5	40.3	9 000*				11.0
		12.0	75.4	40.4	9 000*	78.0	40.1	9 000*				12.0
		13.0	73.9	40.1	9 000*	76.5	39.8	9 000*	79.3	39.0	9 000*	13.0
		14.0	72.4	39.7	9 000*	75.0	39.5	9 000*	77.8	38.7	9 000*	14.0
		15.0	70.9	39.4	9 000*	73.5	39.1	9 000*	76.2	38.3	9 000*	15.0
		16.0	69.3	39.0	9 000*	71.9	38.7	9 000*	74.7	37.9	9 000*	16.0
		17.0	67.8	38.6	9 000*	70.4	38.3	9 000*	73.1	37.5	9 000*	17.0
		18.0	66.2	38.1	9 000*	68.8	37.9	9 000*	71.5	37.1	9 000*	18.0
		19.0	64.6	37.7	8 900*	67.2	37.4	9 000*	69.8	36.6	9 000*	19.0
		20.0	63.0	37.2	8 800	65.6	36.9	8 900*	68.2	36.0	8 900*	20.0
		21.0	61.4	36.6	8 200	63.9	36.3	8 300	66.5	35.5	8 500	21.0
		22.0	59.7	36.0	7 600	62.3	35.7	7 700	64.8	34.9	8 000	22.0
		24.0	56.3	34.7	6 600	58.8	34.4	6 800	61.3	33.5	6 900	24.0
		26.0	52.8	33.3	5 900	55.2	32.9	6 000	57.6	32.0	6 100	26.0
		28.0	49.1	31.6	5 200	51.5	31.2	5 300	53.7	30.2	5 400	28.0
		30.0	45.1	29.7	4 600	47.4	29.3	4 700	49.5	28.2	4 800	30.0
		34.0	36.1	24.8	3 700	38.3	24.4	3 800				34.0
		38.0	24.4	17.7	3 000							38.0
33.5	110	9.1	80.4	44.1	9 000*							9.1
		10.0	79.1	44.0	9 000*							10.0
		11.0	77.8	43.8	9 000*	80.2	43.5	9 000*				11.0
		12.0	76.4	43.5	9 000*	78.9	43.2	9 000*				12.0
		13.0	75.0	43.2	9 000*	77.5	43.0	9 000*				13.0
		14.0	73.7	42.9	9 000*	76.1	42.7	9 000*	78.7	41.9	9 000*	14.0
		15.0	72.3	42.6	9 000*	74.7	42.3	9 000*	77.3	41.5	9 000*	15.0
		16.0	70.9	42.3	9 000*	73.3	42.0	9 000*	75.8	41.2	9 000*	16.0
		17.0	69.4	41.9	9 000*	71.8	41.6	9 000*	74.4	40.8	9 000*	17.0
		18.0	68.0	41.5	9 000*	70.4	41.2	9 000*	72.9	40.4	9 000*	18.0
		19.0	66.6	41.0	8 900*	68.9	40.7	9 000*	71.4	39.9	9 000*	19.0
		20.0	65.1	40.6	8 700	67.5	40.3	8 900	69.9	39.4	8 900*	20.0
		21.0	63.6	40.1	8 100	66.0	39.8	8 300	68.4	38.9	8 400	21.0
		22.0	62.1	39.5	7 400	64.4	39.2	7 700	66.8	38.4	7 800	22.0
		24.0	59.0	38.4	6 500	61.3	38.1	6 700	63.7	37.2	6 800	24.0
		26.0	55.8	37.1	5 700	58.1	36.7	5 900	60.4	35.8	6 000	26.0
		28.0	52.5	35.6	5 000	54.8	35.2	5 200	56.9	34.3	5 300	28.0
		30.0	49.1	33.9	4 500	51.3	33.5	4 600	53.3	32.5	4 700	30.0
		34.0	41.5	29.8	3 500	43.6	29.4	3 600				34.0
		38.0	32.4	24.3	2 800	34.4	23.8	2 900				38.0
36.6	120	9.1	81.0	47.2	9 000*							9.1
		10.0	79.9	47.1	9 000*							10.0
		11.0	78.6	46.9	9 000*							11.0
		12.0	77.3	46.6	9 000*							12.0
		13.0	76.1	46.4	9 000*	78.3	46.1	9 000*				13.0
		14.0	74.8	46.1	9 000*	77.0	45.8	9 000*	79.5	45.1	9 000*	14.0
		15.0	73.5	45.8	9 000*	75.7	45.5	9 000*	78.2	44.7	9 000*	15.0
		16.0	72.2	45.5	9 000*	74.4	45.2	9 000*	76.9	44.4	9 000*	16.0
		17.0	70.9	45.1	9 000*	73.1	44.9	9 000*	75.5	44.1	9 000*	17.0
		18.0	69.5	44.8	9 000*	71.8	44.5	9 000*	74.1	43.7	9 000*	18.0
		19.0	68.2	44.4	8 800*	70.4	44.1	8 900*	72.8	43.2	9 000*	19.0
		20.0	66.8	43.9	8 500	69.1	43.6	8 800	71.4	42.8	8 900*	20.0
		21.0	65.5	43.5	7 900	67.7	43.2	8 200	70.0	42.3	8 300	21.0
		22.0	64.1	43.0	7 300	66.3	42.7	7 500	68.6	41.8	7 700	22.0
		24.0	61.3	41.9	6 400	63.5	41.6	6 500	65.7	40.7	6 700	24.0
		26.0	58.4	40.7	5 600	60.5	40.4	5 700	62.7	39.5	5 900	26.0
		28.0	55.4	39.4	4 900	57.5	39.0	5 100	59.6	38.1	5 200	28.0
		30.0	52.3	37.9	4 300	54.4	37.5	4 500	56.4	36.5	4 600	30.0
		34.0	45.6	34.3	3 400	47.7	33.9	3 500	49.4	32.8	3 600	34.0
		38.0	38.1	29.7	2 700	40.0	29.2	2 700				38.0
		42.0	28.9	23.4	2 100							42.0

**MANITOWOC M-85W – Liftcrane jib capacities jib no. 131****with 3 658mm strut on boom no. 47 3 080 KG CRAWLER FRAME COUNTERWEIGHT****21 090 KG COUNTERWEIGHT****6 807 MM CRAWLERS EXTENDED****360° RATING****9.1m (30 FT) JIB**

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	3 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
39.6	130	10.7	79.7	50.0	9 000*							10.7
		11.0	79.3	50.0	9 000*							11.0
		12.0	78.1	49.8	9 000*							12.0
		13.0	76.9	49.5	9 000*	79.1	49.3	9 000*				13.0
		14.0	75.7	49.3	9 000*	77.9	49.0	9 000*	80.2	48.2	9 000*	14.0
		15.0	74.5	49.0	9 000*	76.7	48.7	9 000*	79.0	47.9	9 000*	15.0
		16.0	73.3	48.7	9 000*	75.4	48.4	9 000*	77.7	47.6	9 000*	16.0
		17.0	72.1	48.4	9 000*	74.2	48.1	9 000*	76.5	47.3	9 000*	17.0
		18.0	70.9	48.0	9 000*	73.0	47.7	9 000*	75.2	46.9	9 000*	18.0
		19.0	69.6	47.6	8 700*	71.7	47.3	8 900*	73.9	46.5	9 000*	19.0
		20.0	68.4	47.2	8 300	70.5	46.9	8 600	72.6	46.1	8 900	20.0
		21.0	67.1	46.8	7 700	69.2	46.5	8 000	71.3	45.7	8 300	21.0
		22.0	65.8	46.4	7 100	67.9	46.1	7 400	70.0	45.2	7 600	22.0
		24.0	63.2	45.4	6 200	65.3	45.1	6 400	67.4	44.2	6 600	24.0
		26.0	60.6	44.3	5 400	62.6	44.0	5 600	64.6	43.1	5 800	26.0
		28.0	57.8	43.1	4 700	59.8	42.7	4 900	61.8	41.8	5 100	28.0
		30.0	55.0	41.7	4 200	57.0	41.3	4 300	58.9	40.4	4 400	30.0
		34.0	49.0	38.5	3 200	51.0	38.1	3 300	52.7	37.1	3 400	34.0
		38.0	42.5	34.5	2 500	44.3	34.0	2 600				38.0
		42.0	34.9	29.3	1 900	36.6	28.8	2 000				42.0
		46.0	25.4	22.2	1 500							46.0
42.7	140	10.7	80.3	53.2	9 000*							10.7
		11.0	80.0	53.1	9 000*							11.0
		12.0	78.8	52.9	9 000*							12.0
		13.0	77.7	52.7	9 000*	79.7	52.4	9 000*				13.0
		14.0	76.6	52.4	9 000*	78.6	52.1	9 000*				14.0
		15.0	75.5	52.2	9 000*	77.5	51.9	9 000*				15.0
		16.0	74.3	51.9	9 000*	76.3	51.6	9 000*	78.5	50.8	9 000*	16.0
		17.0	73.2	51.6	9 000*	75.2	51.3	9 000*	77.3	50.5	9 000*	17.0
		18.0	72.0	51.3	9 000*	74.0	51.0	9 000*	76.1	50.1	9 000*	18.0
		19.0	70.9	50.9	8 700*	72.8	50.6	8 800*	74.9	49.8	9 000*	19.0
		20.0	69.7	50.5	8 200	71.7	50.2	8 500	73.7	49.4	8 800	20.0
		21.0	68.5	50.1	7 600	70.5	49.8	7 900	72.5	49.0	8 200	21.0
		22.0	67.3	49.7	7 000	69.3	49.4	7 200	71.3	48.6	7 500	22.0
		24.0	64.9	48.8	6 100	66.9	48.5	6 300	68.8	47.6	6 500	24.0
		26.0	62.4	47.8	5 300	64.4	47.5	5 400	66.3	46.6	5 700	26.0
		28.0	59.9	46.6	4 600	61.8	46.3	4 800	63.7	45.4	4 900	28.0
		30.0	57.3	45.4	4 000	59.2	45.0	4 200	61.1	44.1	4 300	30.0
		34.0	51.9	42.5	3 100	53.8	42.1	3 200	55.5	41.1	3 300	34.0
		38.0	46.0	38.9	2 400	47.8	38.5	2 500	49.4	37.4	2 600	38.0
		42.0	39.5	34.5	1 800	41.2	34.0	1 900				42.0
45.7	150	10.7	80.8	56.2	9 000*							10.7
		11.0	80.5	56.2	9 000*							11.0
		12.0	79.5	56.0	9 000*							12.0
		13.0	78.4	55.8	9 000*							13.0
		14.0	77.3	55.6	9 000*	79.2	55.3	9 000*				14.0
		15.0	76.3	55.3	9 000*	78.2	55.0	9 000*				15.0
		16.0	75.2	55.1	9 000*	77.1	54.8	9 000*	79.1	53.9	9 000*	16.0
		17.0	74.1	54.8	9 000*	76.0	54.5	9 000*	78.0	53.7	9 000*	17.0
		18.0	73.0	54.5	9 000*	74.9	54.2	9 000*	76.9	53.3	9 000*	18.0
		19.0	72.0	54.1	8 600*	73.8	53.8	8 800*	75.8	53.0	8 900*	19.0
		20.0	70.9	53.8	8 100	72.7	53.5	8 400	74.7	52.6	8 700	20.0
		21.0	69.8	53.4	7 500	71.6	53.1	7 800	73.6	52.3	8 100	21.0
		22.0	68.6	53.0	6 900	70.5	52.7	7 200	72.4	51.9	7 500	22.0
		24.0	66.4	52.2	6 000	68.2	51.8	6 200	70.1	51.0	6 400	24.0
		26.0	64.1	51.2	5 100	65.9	50.9	5 400	67.8	50.0	5 600	26.0
		28.0	61.8	50.2	4 500	63.6	49.8	4 700	65.4	48.9	4 800	28.0
		30.0	59.4	49.0	3 900	61.2	48.7	4 100	62.9	47.7	4 200	30.0
		34.0	54.4	46.3	3 000	56.1	46.0	3 100	57.8	45.0	3 200	34.0
		38.0	49.0	43.1	2 200	50.8	42.7	2 400	52.3	41.6	2 500	38.0
		42.0	43.2	39.1	1 700	44.9	38.7	1 700				42.0

**MANITOWOC M-85w – Liftcrane jib capacities jib no. 131****with 3 658mm strut on boom no. 47 3 080 KG CRAWLER FRAME COUNTERWEIGHT****21 090 KG COUNTERWEIGHT****6 807 MM CRAWLERS EXTENDED****360° RATING****9.1m (30 FT) JIB**

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	3 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
48.8	160	12.2	79.8	59.1	9 000*							12.2
		13.0	79.0	58.9	9 000*							13.0
		14.0	78.0	58.7	9 000*	79.8	58.4	9 000*				14.0
		15.0	77.0	58.5	9 000*	78.8	58.2	9 000*				15.0
		16.0	76.0	58.2	9 000*	77.8	57.9	9 000*	79.7	57.1	9 000*	16.0
		17.0	75.0	57.9	9 000*	76.8	57.6	9 000*	78.7	56.8	9 000*	17.0
		18.0	74.0	57.7	9 000*	75.7	57.3	9 000*	77.7	56.5	9 000*	18.0
		19.0	72.9	57.3	8 600*	74.7	57.0	8 700*	76.6	56.2	8 900*	19.0
		20.0	71.9	57.0	8 000	73.7	56.7	8 300	75.6	55.9	8 600	20.0
		21.0	70.9	56.7	7 300	72.6	56.4	7 700	74.5	55.5	8 000	21.0
		22.0	69.8	56.3	6 800	71.6	56.0	7 100	73.4	55.1	7 300	22.0
		24.0	67.7	55.5	5 800	69.4	55.2	6 100	71.3	54.3	6 300	24.0
		26.0	65.5	54.6	5 000	67.3	54.3	5 200	69.1	53.4	5 400	26.0
		28.0	63.4	53.6	4 400	65.1	53.3	4 500	66.8	52.4	4 700	28.0
		30.0	61.1	52.5	3 800	62.8	52.2	3 900	64.5	51.3	4 100	30.0
		34.0	56.5	50.0	2 800	58.2	49.7	3 000	59.8	48.7	3 100	34.0
		38.0	51.6	47.1	2 100	53.3	46.7	2 200	54.8	45.7	2 300	38.0
		42.0	46.4	43.5	1 500	48.0	43.1	1 600	49.3	42.0	1 700	42.0
51.8	170	12.2	80.3	62.2	9 000*							12.2
		13.0	79.6	62.0	9 000*							13.0
		14.0	78.6	61.8	9 000*	80.3	61.5	9 000*				14.0
		15.0	77.7	61.6	9 000*	79.4	61.3	9 000*				15.0
		16.0	76.7	61.4	9 000*	78.4	61.1	9 000*				16.0
		17.0	75.7	61.1	9 000*	77.4	60.8	9 000*	79.3	60.0	9 000*	17.0
		18.0	74.8	60.8	9 000	76.5	60.5	9 000*	78.3	59.7	9 000*	18.0
		19.0	73.8	60.5	8 500	75.5	60.2	8 700*	77.3	59.4	8 800*	19.0
		20.0	72.8	60.2	7 800	74.5	59.9	8 100	76.3	59.1	8 500	20.0
		21.0	71.8	59.9	7 200	73.5	59.6	7 500	75.3	58.7	7 900	21.0
		22.0	70.9	59.5	6 600	72.5	59.2	6 900	74.3	58.4	7 200	22.0
		24.0	68.9	58.8	5 600	70.5	58.5	5 900	72.3	57.6	6 200	24.0
		26.0	66.8	57.9	4 900	68.5	57.6	5 100	70.2	56.8	5 400	26.0
		28.0	64.8	57.0	4 200	66.4	56.7	4 400	68.1	55.8	4 600	28.0
		30.0	62.7	56.0	3 600	64.3	55.7	3 800	66.0	54.8	4 000	30.0
		34.0	58.4	53.7	2 700	60.0	53.3	2 800	61.5	52.4	3 000	34.0
		38.0	53.8	50.9	2 000	55.4	50.6	2 100	56.9	49.6	2 200	38.0
		42.0				50.6	47.3	1 500	51.9	46.2	1 600	42.0
54.9	180	12.2	80.8	65.3	9 000*							12.2
		13.0	80.1	65.1	9 000*							13.0
		14.0	79.2	64.9	9 000*							14.0
		15.0	78.3	64.7	9 000*							15.0
		16.0	77.3	64.5	9 000*	79.0	64.2	9 000*				16.0
		17.0	76.4	64.2	9 000*	78.1	63.9	9 000*	79.8	63.1	9 000*	17.0
		18.0	75.5	64.0	8 900	77.1	63.7	9 000*	78.9	62.9	9 000*	18.0
		19.0	74.6	63.7	8 500	76.2	63.4	8 600*	77.9	62.6	8 800*	19.0
		20.0	73.7	63.4	7 600	75.3	63.1	8 000	77.0	62.3	8 400	20.0
		21.0	72.7	63.1	7 000	74.3	62.8	7 400	76.1	61.9	7 700	21.0
		22.0	71.8	62.8	6 500	73.4	62.5	6 800	75.1	61.6	7 100	22.0
		24.0	69.9	62.1	5 500	71.5	61.7	5 800	73.2	60.9	6 100	24.0
		26.0	68.0	61.3	4 700	69.6	60.9	4 900	71.2	60.1	5 200	26.0
		28.0	66.1	60.4	4 000	67.6	60.1	4 300	69.2	59.2	4 500	28.0
		30.0	64.1	59.4	3 500	65.7	59.1	3 700	67.2	58.2	3 900	30.0
		34.0	60.0	57.3	2 500	61.6	56.9	2 700	63.1	56.0	2 900	34.0
		38.0	55.8	54.7	1 800	57.3	54.3	2 000	58.8	53.4	2 100	38.0
		42.0							54.2	50.3	1 500	42.0

**MANITOWOC M-85W – Liftcrane jib capacities jib no. 131****with 3 658mm strut on boom no. 47 3 080 KG CRAWLER FRAME COUNTERWEIGHT****21 090 KG COUNTERWEIGHT****6 807 MM CRAWLERS EXTENDED****360° RATING****12.2m (40 FT) JIB**

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	3 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
27.4	90	9.1	80.2	41.0	9 000*							9.1
		10.0	78.8	40.8	9 000*							10.0
		11.0	77.4	40.6	9 000*							11.0
		12.0	75.9	40.3	9 000*							12.0
		13.0	74.4	40.0	9 000*	77.9	39.7	9 000*				13.0
		14.0	72.9	39.7	9 000*	76.4	39.4	9 000*	80.2	38.4	9 000*	14.0
		15.0	71.4	39.4	9 000*	74.9	39.0	9 000*	78.7	38.0	9 000*	15.0
		16.0	69.9	39.0	9 000*	73.3	38.6	9 000*	77.1	37.7	9 000*	16.0
		17.0	68.3	38.6	9 000*	71.8	38.2	9 000*	75.5	37.2	9 000*	17.0
		18.0	66.7	38.1	9 000*	70.2	37.8	9 000*	73.8	36.8	9 000*	18.0
		19.0	65.2	37.7	9 000*	68.6	37.3	9 000*	72.2	36.3	9 000*	19.0
		20.0	63.6	37.1	8 900*	67.0	36.8	8 900*	70.5	35.7	8 900*	20.0
		21.0	61.9	36.6	8 400	65.3	36.2	8 600	68.8	35.2	8 700*	21.0
		22.0	60.3	36.0	7 900	63.6	35.6	8 100	67.1	34.6	8 300*	22.0
		24.0	56.9	34.7	6 900	60.2	34.3	7 100	63.5	33.2	7 300	24.0
		26.0	53.3	33.2	6 100	56.6	32.8	6 300	59.8	31.6	6 400	26.0
30.5	100	28.0	49.6	31.6	5 400	52.8	31.1	5 600	55.9	29.9	5 700	28.0
		30.0	45.6	29.6	4 900	48.8	29.1	5 000	51.6	27.8	5 100	30.0
		34.0	36.6	24.8	3 900	39.6	24.2	4 000				34.0
		38.0	24.9	17.7	3 200							38.0
		9.1	80.9	44.1	9 000*							9.1
		10.0	79.6	44.0	9 000*							10.0
		11.0	78.3	43.7	9 000*							11.0
		12.0	76.9	43.5	9 000*							12.0
		13.0	75.5	43.2	9 000*	78.8	42.9	9 000*				13.0
		14.0	74.2	42.9	9 000*	77.4	42.6	9 000*				14.0
		15.0	72.8	42.6	9 000*	76.0	42.2	9 000*				15.0
		16.0	71.3	42.3	9 000*	74.6	41.9	9 000*	78.1	40.9	9 000*	16.0
		17.0	69.9	41.9	9 000*	73.1	41.5	9 000*	76.6	40.5	9 000*	17.0
		18.0	68.5	41.5	9 000*	71.7	41.1	9 000*	75.1	40.1	9 000*	18.0
		19.0	67.0	41.0	9 000*	70.2	40.6	9 000*	73.6	39.6	9 000*	19.0
		20.0	65.6	40.6	8 900	68.7	40.2	8 900*	72.1	39.1	9 000*	20.0
33.5	110	21.0	64.1	40.1	8 300	67.2	39.7	8 500	70.6	38.6	8 700	21.0
		22.0	62.6	39.5	7 700	65.7	39.1	8 000	69.0	38.1	8 200	22.0
		24.0	59.5	38.4	6 700	62.6	37.9	7 000	65.8	36.8	7 200	24.0
		26.0	56.3	37.0	5 900	59.4	36.6	6 100	62.5	35.5	6 300	26.0
		28.0	53.0	35.5	5 300	56.0	35.1	5 400	59.0	33.9	5 600	28.0
		30.0	49.5	33.9	4 700	52.5	33.4	4 800	55.3	32.1	5 000	30.0
		34.0	41.9	29.8	3 800	44.8	29.2	3 900				34.0
		38.0	32.9	24.3	3 000	35.5	23.6	3 100				38.0
		10.7	79.4	46.9	9 000*							10.7
		11.0	79.1	46.9	9 000*							11.0
		12.0	77.8	46.6	9 000*							12.0
		13.0	76.5	46.4	9 000*	79.6	46.0	9 000*				13.0
		14.0	75.2	46.1	9 000*	78.3	45.7	9 000*				14.0
		15.0	73.9	45.8	9 000*	77.0	45.4	9 000*				15.0
		16.0	72.6	45.5	9 000*	75.6	45.1	9 000*	78.9	44.1	9 000*	16.0
		17.0	71.3	45.1	9 000*	74.3	44.7	9 000*	77.6	43.7	9 000*	17.0
		18.0	70.0	44.8	9 000*	73.0	44.4	9 000*	76.2	43.3	9 000*	18.0
		19.0	68.6	44.4	8 900*	71.6	44.0	9 000*	74.8	42.9	9 000*	19.0
		20.0	67.3	43.9	8 800	70.3	43.5	8 900*	73.4	42.5	9 000*	20.0
		21.0	65.9	43.5	8 200	68.9	43.1	8 400	72.0	42.0	8 600	21.0
		22.0	64.6	43.0	7 600	67.5	42.6	7 800	70.6	41.5	8 100	22.0
		24.0	61.7	41.9	6 600	64.7	41.5	6 800	67.7	40.4	7 100	24.0
		26.0	58.8	40.7	5 800	61.7	40.3	6 000	64.6	39.1	6 200	26.0
		28.0	55.9	39.4	5 100	58.7	38.9	5 300	61.5	37.7	5 500	28.0
		30.0	52.7	37.8	4 600	55.6	37.4	4 700	58.3	36.2	4 900	30.0
		34.0	46.1	34.3	3 600	48.8	33.7	3 700	51.2	32.4	3 900	34.0
		38.0	38.5	29.7	2 900	41.1	29.1	3 000				38.0
		42.0	29.3	23.4	2 300							42.0

**MANITOWOC M-85w – Liftcrane jib capacities jib no. 131****with 3 658mm strut on boom no. 47 3 080 KG CRAWLER FRAME COUNTERWEIGHT****21 090 KG COUNTERWEIGHT****6 807 MM CRAWLERS EXTENDED****360° RATING****12.2m (40 FT) JIB**

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	3 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
36.6	120	10.7	80.1	50.0	9 000*							10.7
		11.0	79.8	50.0	9 000*							11.0
		12.0	78.6	49.8	9 000*							12.0
		13.0	77.4	49.5	9 000*							13.0
		14.0	76.2	49.3	9 000*							14.0
		15.0	75.0	49.0	9 000*	79.0	48.9	9 000*				15.0
		16.0	73.7	48.7	9 000*	77.8	48.6	9 000*	79.7	47.3	9 000*	16.0
		17.0	72.5	48.4	9 000*	76.6	48.3	9 000*	78.4	46.9	9 000*	17.0
		18.0	71.3	48.0	9 000*	75.3	48.0	9 000*	77.1	46.6	9 000*	18.0
		19.0	70.0	47.6	8 900*	74.1	47.6	9 000*	75.9	46.2	9 000*	19.0
		20.0	68.8	47.2	8 600	72.8	47.2	8 900	75.9	46.2	9 000*	20.0
		21.0	67.5	46.8	8 000	71.6	46.8	8 900	74.6	45.8	8 900*	21.0
		22.0	66.2	46.4	7 400	70.3	46.4	8 300	73.3	45.3	8 500	22.0
		24.0	63.6	45.4	6 500	69.0	45.9	7 700	71.9	44.9	8 000	24.0
		26.0	61.0	44.3	5 700	66.4	45.0	6 700	69.2	43.9	7 000	26.0
		28.0	58.3	43.0	5 000	63.7	43.8	5 900	66.5	42.7	6 100	28.0
		30.0	55.4	41.7	4 400	60.9	42.6	5 200	63.6	41.4	5 400	30.0
		34.0	49.5	38.5	3 500	58.1	41.2	4 600	60.7	40.0	4 800	34.0
		38.0	42.9	34.5	2 800	52.0	38.0	3 600	54.5	36.6	3 700	38.0
		42.0	35.3	29.3	2 200	45.4	33.9	2 900	47.5	32.4	3 000	42.0
		46.0	25.8	22.2	1 700	37.6	28.6	2 300				46.0
39.6	130	10.7	80.7	53.1	9 000*							10.7
		11.0	80.4	53.1	9 000*							11.0
		12.0	79.2	52.9	9 000*							12.0
		13.0	78.1	52.7	9 000*							13.0
		14.0	77.0	52.4	9 000*	79.7	52.0	9 000*				14.0
		15.0	75.9	52.2	9 000*	78.5	51.8	9 000*				15.0
		16.0	74.7	51.9	9 000*	77.4	51.5	9 000*				16.0
		17.0	73.6	51.6	9 000*	76.2	51.2	9 000*	79.1	50.1	9 000*	17.0
		18.0	72.4	51.2	9 000*	75.1	50.8	9 000*	77.9	49.8	9 000*	18.0
		19.0	71.3	50.9	8 800*	73.9	50.5	9 000*	76.7	49.4	9 000*	19.0
		20.0	70.1	50.5	8 500	72.7	50.1	8 800	75.5	49.1	8 900*	20.0
		21.0	68.9	50.1	7 900	71.5	49.7	8 200	74.3	48.6	8 500	21.0
		22.0	67.7	49.7	7 300	70.3	49.3	7 600	73.1	48.2	7 900	22.0
		24.0	65.3	48.8	6 300	67.9	48.4	6 600	70.6	47.3	6 900	24.0
		26.0	62.8	47.8	5 500	65.4	47.3	5 800	68.1	46.2	6 000	26.0
		28.0	60.3	46.6	4 800	62.9	46.2	5 100	65.5	45.0	5 300	28.0
		30.0	57.7	45.4	4 200	60.3	44.9	4 400	62.8	43.7	4 700	30.0
		34.0	52.3	42.5	3 300	54.8	42.0	3 500	57.1	40.7	3 600	34.0
		38.0	46.4	38.9	2 600	48.8	38.3	2 700	50.9	36.9	2 800	38.0
		42.0	39.9	34.4	2 000	42.2	33.8	2 100				42.0
		46.0	32.2	28.7	1 600							46.0
42.7	140	12.2	79.6	56.0	9 000*							12.2
		13.0	78.8	55.8	9 000*							13.0
		14.0	77.7	55.6	9 000*	80.3	55.2	9 000*				14.0
		15.0	76.7	55.3	9 000*	79.2	54.9	9 000*				15.0
		16.0	75.6	55.0	9 000*	78.1	54.6	9 000*				16.0
		17.0	74.5	54.8	9 000*	77.0	54.4	9 000*	79.8	53.3	9 000*	17.0
		18.0	73.4	54.4	9 000*	75.9	54.0	9 000*	78.7	53.0	9 000*	18.0
		19.0	72.3	54.1	8 700*	74.8	53.7	8 900*	77.5	52.7	9 000*	19.0
		20.0	71.2	53.8	8 300	73.7	53.4	8 700	76.4	52.3	8 900*	20.0
		21.0	70.1	53.4	7 700	72.6	53.0	8 100	75.3	51.9	8 400	21.0
		22.0	69.0	53.0	7 100	71.5	52.6	7 500	74.1	51.5	7 800	22.0
		24.0	66.8	52.1	6 200	69.2	51.7	6 500	71.8	50.6	6 800	24.0
		26.0	64.5	51.2	5 400	66.9	50.8	5 600	69.4	49.6	5 900	26.0
		28.0	62.1	50.1	4 700	64.5	49.7	4 900	67.0	48.6	5 200	28.0
		30.0	59.7	49.0	4 100	62.1	48.5	4 300	64.5	47.3	4 500	30.0
		34.0	54.7	46.3	3 200	57.1	45.8	3 300	59.4	44.6	3 500	34.0
		38.0	49.4	43.1	2 500	51.7	42.5	2 600	53.8	41.2	2 700	38.0
		42.0	43.6	39.1	1 900	45.8	38.5	2 000	47.7	37.0	2 100	42.0
		46.0				39.1	33.6	1 500				46.0

**MANITOWOC M-85W – Liftcrane jib capacities jib no. 131****with 3 658mm strut on boom no. 47 3 080 KG CRAWLER FRAME COUNTERWEIGHT****21 090 KG COUNTERWEIGHT****6 807 MM CRAWLERS EXTENDED****360° RATING****12.2m (40 FT) JIB**

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	3 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
45.7	150	12.2	80.2	59.1	9 000*							12.2
		13.0	79.4	58.9	9 000*							13.0
		14.0	78.4	58.7	9 000*							14.0
		15.0	77.4	58.4	9 000*							15.0
		16.0	76.4	58.2	9 000*	78.8	57.8	9 000*				16.0
		17.0	75.3	57.9	9 000*	77.7	57.5	9 000*	80.3	56.5	9 000*	17.0
		18.0	74.3	57.6	9 000*	76.7	57.2	9 000*	79.3	56.2	9 000*	18.0
		19.0	73.3	57.3	8 700*	75.7	56.9	8 900*	78.2	55.8	9 000*	19.0
		20.0	72.3	57.0	8 200	74.6	56.6	8 600	77.2	55.5	8 900*	20.0
		21.0	71.2	56.6	7 600	73.6	56.2	8 000	76.1	55.2	8 300	21.0
		22.0	70.2	56.3	7 000	72.5	55.9	7 400	75.0	54.8	7 700	22.0
		24.0	68.1	55.5	6 100	70.4	55.0	6 400	72.9	53.9	6 700	24.0
		26.0	65.9	54.6	5 300	68.2	54.2	5 500	70.6	53.0	5 800	26.0
		28.0	63.7	53.6	4 600	66.0	53.2	4 800	68.4	52.0	5 100	28.0
		30.0	61.5	52.5	4 000	63.8	52.1	4 200	66.1	50.9	4 400	30.0
		34.0	56.9	50.0	3 100	59.1	49.6	3 200	61.3	48.3	3 400	34.0
		38.0	52.0	47.1	2 300	54.2	46.6	2 500	56.2	45.2	2 600	38.0
		42.0	46.7	43.5	1 700	48.8	42.9	1 900	50.7	41.5	2 000	42.0
48.8	160	12.2	80.7	62.2	9 000*							12.2
		13.0	79.9	62.0	9 000*							13.0
		14.0	79.0	61.8	9 000*							14.0
		15.0	78.0	61.6	9 000*							15.0
		16.0	77.0	61.3	9 000*	79.3	60.9	9 000*				16.0
		17.0	76.1	61.1	9 000*	78.4	60.7	9 000*				17.0
		18.0	75.1	60.8	9 000*	77.4	60.4	9 000*				18.0
		19.0	74.1	60.5	8 600*	76.4	60.1	8 800*	78.9	59.0	9 000*	19.0
		20.0	73.2	60.2	8 100	75.4	59.8	8 500	77.9	58.7	8 900*	20.0
		21.0	72.2	59.9	7 500	74.4	59.5	7 900	76.8	58.4	8 200	21.0
		22.0	71.2	59.5	6 900	73.4	59.1	7 200	75.8	58.0	7 600	22.0
		24.0	69.2	58.8	5 900	71.4	58.3	6 200	73.8	57.2	6 600	24.0
		26.0	67.2	57.9	5 100	69.4	57.5	5 400	71.7	56.4	5 700	26.0
		28.0	65.1	57.0	4 400	67.3	56.6	4 700	69.6	55.4	5 000	28.0
		30.0	63.0	56.0	3 900	65.2	55.5	4 100	67.4	54.4	4 400	30.0
		34.0	58.7	53.7	2 900	60.9	53.2	3 100	63.0	52.0	3 300	34.0
		38.0	54.2	50.9	2 200	56.3	50.4	2 400	58.3	49.1	2 500	38.0
		42.0	49.4	47.7	1 600	51.4	47.1	1 700	53.3	45.7	1 900	42.0
51.8	170	13.7	79.8	65.0	9 000*							13.7
		14.0	79.5	64.9	9 000*							14.0
		15.0	78.6	64.7	9 000*							15.0
		16.0	77.7	64.5	9 000*	79.9	64.1	9 000*				16.0
		17.0	76.8	64.2	9 000*	78.9	63.8	9 000*				17.0
		18.0	75.8	64.0	9 000*	78.0	63.6	9 000*				18.0
		19.0	74.9	63.7	8 600*	77.1	63.3	8 800*	79.4	62.2	9 000*	19.0
		20.0	74.0	63.4	7 900	76.1	63.0	8 400	78.5	61.9	8 900	20.0
		21.0	73.1	63.1	7 300	75.2	62.7	7 700	77.5	61.6	8 200	21.0
		22.0	72.1	62.8	6 700	74.3	62.3	7 100	76.6	61.2	7 500	22.0
		24.0	70.2	62.0	5 800	72.4	61.6	6 100	74.6	60.5	6 500	24.0
		26.0	68.3	61.2	5 000	70.4	60.8	5 300	72.7	59.7	5 600	26.0
		28.0	66.4	60.4	4 300	68.5	59.9	4 600	70.7	58.8	4 900	28.0
		30.0	64.4	59.4	3 700	66.5	59.0	4 000	68.6	57.8	4 200	30.0
		34.0	60.4	57.2	2 700	62.4	56.8	3 000	64.5	55.6	3 200	34.0
		38.0	56.1	54.7	2 100	58.2	54.2	2 200	60.1	52.9	2 400	38.0
		42.0	51.7	51.7	1 500	53.7	51.1	1 600	55.5	49.8	1 700	42.0
54.9	180	13.7	80.2	68.1	9 000*							13.7
		14.0	80.0	68.0	9 000*							14.0
		15.0	79.1	67.8	9 000*							15.0
		16.0	78.2	67.6	9 000*	80.3	67.2	9 000*				16.0
		17.0	77.4	67.4	9 000*	79.4	67.0	9 000*				17.0
		18.0	76.5	67.1	9 000*	78.6	66.7	9 000*				18.0
		19.0	75.6	66.9	8 500*	77.7	66.4	8 700*	79.9	65.4	8 900*	19.0
		20.0	74.7	66.6	7 800	76.8	66.2	8 200	79.0	65.1	8 800	20.0
		21.0	73.8	66.3	7 100	75.9	65.9	7 600	78.1	64.8	8 200	21.0
		22.0	73.0	66.0	6 600	75.0	65.5	7 000	77.2	64.4	7 400	22.0
		24.0	71.2	65.3	5 600	73.2	64.9	6 000	75.4	63.7	6 400	24.0
		26.0	69.4	64.5	4 800	71.4	64.1	5 200	73.5	63.0	5 500	26.0
		28.0	67.5	63.7	4 200	69.5	63.3	4 400	71.6	62.1	4 700	28.0
		30.0	65.7	62.8	3 600	67.7	62.4	3 800	69.7	61.2	4 100	30.0
		34.0	61.8	60.8	2 600	63.8	60.3	2 800	65.8	59.1	3 100	34.0
		38.0	57.9	58.3	1 900	59.8	57.9	2 100	61.7	56.6	2 300	38.0
		42.0				55.6	55.0	1 500	57.4	53.7	1 600	42.0

**MANITOWOC M-85w – Liftcrane jib capacities jib no. 131****with 3 658mm strut on boom no. 47 3 080 KG CRAWLER FRAME COUNTERWEIGHT****21 090 KG COUNTERWEIGHT****6 807 MM CRAWLERS EXTENDED****360° RATING****15.2m (50 FT) JIB**

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	3 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
27.4	90	9.1	81.0	44.1	9 000*							9.1
		10.0	79.8	44.0	9 000*							10.0
		11.0	78.5	43.7	9 000*							11.0
		12.0	77.1	43.5	9 000*							12.0
		13.0	75.7	43.2	9 000*	79.8	42.8	9 000*				13.0
		14.0	74.3	42.9	9 000*	78.4	42.5	9 000*				14.0
		15.0	72.9	42.6	9 000*	77.0	42.2	9 000*				15.0
		16.0	71.5	42.3	9 000*	75.6	41.9	9 000*				16.0
		17.0	70.1	41.9	9 000*	74.2	41.5	8 900*	78.6	40.4	8 100*	17.0
		18.0	68.7	41.5	9 000*	72.7	41.1	8 800*	77.1	39.9	7 800*	18.0
		19.0	67.2	41.0	9 000*	71.2	40.6	8 700*	75.6	39.5	7 600*	19.0
		20.0	65.7	40.6	8 800*	69.8	40.1	8 500*	74.1	39.0	7 400*	20.0
		21.0	64.3	40.1	8 500*	68.3	39.6	8 400*	72.6	38.5	7 200*	21.0
		22.0	62.8	39.5	8 000*	66.7	39.1	8 200*	71.0	37.9	6 900*	22.0
		24.0	59.7	38.4	7 000*	63.6	37.9	7 200*	67.8	36.7	6 600*	24.0
		26.0	56.5	37.0	6 200*	60.4	36.6	6 400*	64.4	35.3	6 300*	26.0
		28.0	53.2	35.5	5 500*	57.0	35.1	5 700*	60.9	33.7	5 900*	28.0
		30.0	49.7	33.9	4 900*	53.5	33.4	5 100*	57.2	32.0	5 300*	30.0
		34.0	42.1	29.8	4 000*	45.8	29.2	4 100*	49.1	27.6	4 200*	34.0
		38.0	33.1	24.3	3 300*	36.5	23.5	3 300*				38.0
30.5	100	10.7	79.6	46.9	9 000*							10.7
		11.0	79.2	46.9	9 000*							11.0
		12.0	78.0	46.6	9 000*							12.0
		13.0	76.7	46.4	9 000*							13.0
		14.0	75.4	46.1	9 000*	79.2	45.7	9 000*				14.0
		15.0	74.1	45.8	9 000*	77.9	45.4	9 000*				15.0
		16.0	72.8	45.5	9 000*	76.6	45.1	9 000*				16.0
		17.0	71.5	45.1	9 000*	75.3	44.7	9 000*	79.5	43.6	8 100*	17.0
		18.0	70.1	44.8	9 000*	73.9	44.3	8 800*	78.1	43.2	8 000*	18.0
		19.0	68.8	44.4	9 000*	72.6	43.9	8 700*	76.7	42.8	7 800*	19.0
		20.0	67.5	43.9	8 900*	71.2	43.5	8 600*	75.3	42.3	7 500*	20.0
		21.0	66.1	43.5	8 300*	69.8	43.0	8 500*	73.9	41.8	7 300*	21.0
		22.0	64.7	43.0	7 800*	68.4	42.5	8 100*	72.4	41.3	7 100*	22.0
		24.0	61.9	41.9	6 800*	65.6	41.5	7 100*	69.5	40.2	6 800*	24.0
		26.0	59.0	40.7	6 000*	62.7	40.2	6 300*	66.5	39.0	6 500*	26.0
		28.0	56.0	39.4	5 300*	59.6	38.9	5 600*	63.3	37.6	5 800*	28.0
		30.0	52.9	37.8	4 800*	56.5	37.3	4 900*	60.1	36.0	5 100*	30.0
		34.0	46.2	34.3	3 800*	49.7	33.7	4 000*	53.0	32.2	4 100*	34.0
		38.0	38.7	29.7	3 100*	42.0	29.0	3 200*				38.0
		42.0	29.5	23.4	2 500*							42.0
33.5	110	10.7	80.3	50.0	9 000*							10.7
		11.0	79.9	50.0	9 000*							11.0
		12.0	78.7	49.8	9 000*							12.0
		13.0	77.5	49.5	9 000*							13.0
		14.0	76.3	49.3	9 000*	79.9	48.9	9 000*				14.0
		15.0	75.1	49.0	9 000*	78.7	48.6	9 000*				15.0
		16.0	73.9	48.7	9 000*	77.5	48.3	9 000*				16.0
		17.0	72.7	48.4	9 000*	76.2	47.9	9 000*	80.2	46.8	8 100*	17.0
		18.0	71.4	48.0	9 000*	75.0	47.6	8 900*	78.9	46.4	8 100*	18.0
		19.0	70.2	47.6	9 000*	73.7	47.2	8 800*	77.6	46.0	7 900*	19.0
		20.0	68.9	47.2	8 900*	72.5	46.8	8 700*	76.3	45.6	7 700*	20.0
		21.0	67.7	46.8	8 300*	71.2	46.4	8 400*	75.0	45.2	7 500*	21.0
		22.0	66.4	46.4	7 600*	69.9	45.9	8 000*	73.7	44.7	7 300*	22.0
		24.0	63.8	45.4	6 700*	67.3	44.9	7 000*	71.0	43.7	7 000*	24.0
		26.0	61.1	44.3	5 900*	64.6	43.8	6 100*	68.2	42.5	6 400*	26.0
		28.0	58.4	43.0	5 200*	61.8	42.6	5 400*	65.3	41.2	5 700*	28.0
		30.0	55.6	41.7	4 700*	59.0	41.2	4 800*	62.4	39.8	5 000*	30.0
		34.0	49.6	38.5	3 700*	52.9	37.9	3 800*	56.1	36.4	4 000*	34.0
		38.0	43.0	34.5	3 000*	46.2	33.8	3 100*	49.1	32.2	3 200*	38.0
		42.0	35.4	29.3	2 400*	38.5	28.6	2 500*				42.0
		46.0	25.9	22.2	1 900*							46.0

**MANITOWOC M-85W – Liftcrane jib capacities jib no. 131****with 3 658mm strut on boom no. 47 3 080 KG CRAWLER FRAME COUNTERWEIGHT****21 090 KG COUNTERWEIGHT****6 807 MM CRAWLERS EXTENDED****360° RATING****15.2m (50 FT) JIB**

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	3 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
3 6 6	1 2 0	10.7	80.8	53.1	9 000*							10.7
		11.0	80.5	53.1	9 000*							11.0
		12.0	79.4	52.9	9 000*							12.0
		13.0	78.3	52.7	9 000*							13.0
		14.0	77.1	52.4	9 000*	80.5	52.0	9 000*				14.0
		15.0	76.0	52.2	9 000*	79.4	51.7	9 000*				15.0
		16.0	74.9	51.9	9 000*	78.2	51.4	9 000*				16.0
		17.0	73.7	51.6	9 000*	77.1	51.1	9 000*				17.0
		18.0	72.6	51.2	9 000*	75.9	50.8	8 900*				18.0
		19.0	71.4	50.9	8 900*	74.7	50.4	8 800*	78.4	49.3	8 000*	19.0
		20.0	70.2	50.5	8 700*	73.6	50.1	8 700*	77.2	48.9	7 900*	20.0
		21.0	69.1	50.1	8 100	72.4	49.7	8 300	76.0	48.5	7 700*	21.0
		22.0	67.9	49.7	7 500	71.2	49.2	7 900	74.7	48.0	7 500*	22.0
		24.0	65.5	48.8	6 600	68.7	48.3	6 800	72.2	47.1	7 100	24.0
		26.0	63.0	47.8	5 800	66.2	47.3	6 000	69.7	46.0	6 300	26.0
		28.0	60.5	46.6	5 100	63.7	46.1	5 300	67.0	44.8	5 600	28.0
		30.0	57.9	45.4	4 500	61.1	44.9	4 700	64.3	43.5	4 900	30.0
		34.0	52.5	42.5	3 600	55.6	41.9	3 700	58.7	40.5	3 900	34.0
		38.0	46.6	38.9	2 800	49.6	38.3	3 000	52.4	36.7	3 100	38.0
		42.0	40.0	34.4	2 200	42.9	33.8	2 400				42.0
		46.0	32.4	28.7	1 800	35.1	27.9	1 800				46.0
		50.0	22.4	20.5	1 400							50.0
3 9 6	1 3 0	12.2	79.8	56.0	9 000*							12.2
		13.0	78.9	55.8	9 000*							13.0
		14.0	77.9	55.6	9 000*							14.0
		15.0	76.8	55.3	9 000*							15.0
		16.0	75.7	55.0	9 000*	78.9	54.6	9 000*				16.0
		17.0	74.6	54.8	9 000*	77.8	54.3	9 000*				17.0
		18.0	73.6	54.4	9 000*	76.7	54.0	8 900*				18.0
		19.0	72.5	54.1	8 800*	75.6	53.7	8 800*	79.1	52.5	8 000*	19.0
		20.0	71.4	53.8	8 500	74.5	53.3	8 700*	77.9	52.1	8 000*	20.0
		21.0	70.3	53.4	7 900	73.4	52.9	8 300	76.8	51.7	7 800*	21.0
		22.0	69.2	53.0	7 300	72.3	52.5	7 700	75.7	51.3	7 600*	22.0
		24.0	66.9	52.1	6 400	70.0	51.7	6 700	73.3	50.4	7 100	24.0
		26.0	64.6	51.2	5 600	67.7	50.7	5 900	70.9	49.4	6 200	26.0
		28.0	62.3	50.1	4 900	65.3	49.7	5 200	68.5	48.3	5 500	28.0
		30.0	59.9	49.0	4 300	62.9	48.5	4 600	66.0	47.1	4 800	30.0
		34.0	54.9	46.3	3 400	57.9	45.8	3 600	60.8	44.3	3 800	34.0
		38.0	49.5	43.1	2 600	52.5	42.5	2 800	55.2	40.9	3 000	38.0
		42.0	43.7	39.1	2 100	46.6	38.5	2 200	49.1	36.8	2 300	42.0
		46.0	37.2	34.2	1 600	39.9	33.5	1 700				46.0
4 2 7	1 4 0	12.2	80.3	59.1	9 000*							12.2
		13.0	79.5	58.9	9 000*							13.0
		14.0	78.5	58.7	9 000*							14.0
		15.0	77.5	58.5	9 000*							15.0
		16.0	76.5	58.2	9 000*	79.5	57.8	9 000*				16.0
		17.0	75.5	57.9	9 000*	78.5	57.5	9 000*				17.0
		18.0	74.4	57.6	9 000*	77.5	57.2	8 900*				18.0
		19.0	73.4	57.3	8 800*	76.4	56.9	8 800*	79.7	55.6	8 000*	19.0
		20.0	72.4	57.0	8 400	75.4	56.5	8 600*	78.6	55.3	7 900*	20.0
		21.0	71.3	56.6	7 800	74.3	56.2	8 200	77.6	54.9	7 900*	21.0
		22.0	70.3	56.3	7 200	73.3	55.8	7 600	76.5	54.6	7 800*	22.0
		24.0	68.2	55.5	6 200	71.1	55.0	6 600	74.3	53.7	7 000	24.0
		26.0	66.0	54.6	5 400	69.0	54.1	5 800	72.1	52.8	6 100	26.0
		28.0	63.8	53.6	4 800	66.8	53.1	5 100	69.8	51.8	5 400	28.0
		30.0	61.6	52.5	4 200	64.5	52.0	4 400	67.5	50.7	4 700	30.0
		34.0	57.0	50.0	3 300	59.8	49.5	3 500	62.7	48.1	3 700	34.0
		38.0	52.1	47.1	2 500	54.9	46.5	2 700	57.6	45.0	2 900	38.0
		42.0	46.8	43.5	1 900	49.6	42.9	2 100	52.0	41.2	2 200	42.0
		46.0	41.1	39.2	1 500	43.7	38.5	1 500				46.0

**MANITOWOC M-85w – Liftcrane jib capacities jib no. 131****with 3 658mm strut on boom no. 47 3 080 KG CRAWLER FRAME COUNTERWEIGHT****21 090 KG COUNTERWEIGHT****6 807 MM CRAWLERS EXTENDED****360° RATING****15.2m (50 FT) JIB**

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	3 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
45.7	150	12.2	80.8	62.2	9 000*							12.2
		13.0	80.0	62.0	9 000*							13.0
		14.0	79.1	61.8	9 000*							14.0
		15.0	78.1	61.6	9 000*							15.0
		16.0	77.2	61.3	9 000*	80.0	60.9	9 000*				16.0
		17.0	76.2	61.1	9 000*	79.1	60.6	8 900*				17.0
		18.0	75.2	60.8	9 000*	78.1	60.4	8 800*				18.0
		19.0	74.3	60.5	8 700*	77.1	60.1	8 700*	80.2	58.8	7 900*	19.0
		20.0	73.3	60.2	8 300	76.1	59.7	8 600*	79.2	58.5	7 900*	20.0
		21.0	72.3	59.9	7 700	75.1	59.4	8 100	78.2	58.2	7 800*	21.0
		22.0	71.3	59.5	7 100	74.1	59.1	7 500	77.2	57.8	7 700*	22.0
		24.0	69.3	58.8	6 100	72.1	58.3	6 500	75.2	57.0	7 000	24.0
		26.0	67.3	57.9	5 300	70.1	57.4	5 700	73.1	56.1	6 000	26.0
		28.0	65.2	57.0	4 700	68.0	56.5	5 000	70.9	55.2	5 300	28.0
		30.0	63.2	56.0	4 100	65.9	55.5	4 400	68.8	54.1	4 600	30.0
		34.0	58.8	53.7	3 100	61.6	53.1	3 400	64.3	51.7	3 600	34.0
		38.0	54.3	50.9	2 400	57.0	50.4	2 600	59.6	48.9	2 800	38.0
		42.0	49.5	47.7	1 800	52.1	47.1	2 000	54.5	45.5	2 100	42.0
		46.0				46.8	43.1	1 500	49.1	41.4	1 600	46.0
48.8	160	13.7	79.9	65.0	9 000*							13.7
		14.0	79.6	64.9	9 000*							14.0
		15.0	78.7	64.7	9 000*							15.0
		16.0	77.8	64.5	9 000*							16.0
		17.0	76.9	64.2	9 000*	79.6	63.8	8 800*				17.0
		18.0	76.0	64.0	9 000*	78.7	63.5	8 700*				18.0
		19.0	75.0	63.7	8 700*	77.8	63.2	8 700*				19.0
		20.0	74.1	63.4	8 100	76.8	62.9	8 600*	79.8	61.7	7 800*	20.0
		21.0	73.2	63.1	7 600	75.9	62.6	8 000	78.8	61.4	7 800*	21.0
		22.0	72.2	62.8	7 000	74.9	62.3	7 400	77.9	61.0	7 700*	22.0
		24.0	70.3	62.0	6 000	73.0	61.6	6 400	75.9	60.3	6 900	24.0
		26.0	68.4	61.2	5 200	71.1	60.8	5 500	73.9	59.5	5 900	26.0
		28.0	66.5	60.4	4 500	69.2	59.9	4 800	71.9	58.6	5 200	28.0
		30.0	64.5	59.4	3 900	67.2	58.9	4 200	69.9	57.6	4 600	30.0
		34.0	60.5	57.2	3 000	63.1	56.7	3 200	65.7	55.3	3 500	34.0
		38.0	56.3	54.7	2 300	58.8	54.1	2 500	61.3	52.7	2 700	38.0
		42.0	51.8	51.7	1 700	54.3	51.1	1 800	56.7	49.5	2 000	42.0
		46.0							51.7	45.8	1 500	46.0
51.8	170	13.7	80.3	68.1	9 000*							13.7
		14.0	80.1	68.0	9 000*							14.0
		15.0	79.2	67.8	9 000*							15.0
		16.0	78.3	67.6	9 000*							16.0
		17.0	77.5	67.4	9 000*	80.1	66.9	8 700*				17.0
		18.0	76.6	67.1	9 000*	79.2	66.7	8 600*				18.0
		19.0	75.7	66.9	8 600*	78.3	66.4	8 600*				19.0
		20.0	74.8	66.6	8 000	77.4	66.1	8 500*	80.3	64.8	7 700*	20.0
		21.0	74.0	66.3	7 400	76.5	65.8	7 900	79.4	64.5	7 700*	21.0
		22.0	73.1	66.0	6 800	75.7	65.5	7 300	78.5	64.2	7 600*	22.0
		24.0	71.3	65.3	5 800	73.8	64.8	6 200	76.6	63.5	6 800	24.0
		26.0	69.5	64.5	5 000	72.0	64.0	5 400	74.7	62.7	5 900	26.0
		28.0	67.6	63.7	4 400	70.2	63.2	4 700	72.8	61.9	5 100	28.0
		30.0	65.8	62.8	3 800	68.3	62.3	4 100	70.9	60.9	4 400	30.0
		34.0	61.9	60.8	2 800	64.4	60.2	3 100	67.0	58.8	3 400	34.0
		38.0	58.0	58.3	2 100	60.4	57.8	2 300	62.9	56.3	2 600	38.0
		42.0	53.8	55.5	1 500	56.3	55.0	1 700	58.6	53.4	1 900	42.0
		46.0										46.0
54.9	180	13.7	80.8	71.2	9 000*							13.7
		14.0	80.5	71.1	9 000*							14.0
		15.0	79.7	70.9	8 900*							15.0
		16.0	78.9	70.7	8 900*							16.0
		17.0	78.0	70.5	8 800*	80.5	70.0	8 600*				17.0
		18.0	77.2	70.3	8 800*	79.7	69.8	8 500*				18.0
		19.0	76.4	70.0	8 500*	78.8	69.5	8 400*				19.0
		20.0	75.5	69.7	7 900	78.0	69.3	8 300*	80.7	68.0	7 600*	20.0
		21.0	74.7	69.5	7 200	77.2	69.0	7 800	79.9	67.7	7 600*	21.0
		22.0	73.8	69.2	6 700	76.3	68.7	7 200	79.0	67.4	7 400*	22.0
		24.0	72.1	68.5	5 700	74.6	68.0	6 200	77.2	66.7	6 700	24.0
		26.0	70.4	67.8	4 900	72.8	67.3	5 300	75.5	66.0	5 800	26.0
		28.0	68.6	67.0	4 200	71.1	66.5	4 600	73.7	65.2	5 000	28.0
		30.0	66.9	66.2	3 600	69.3	65.7	4 000	71.8	64.3	4 300	30.0
		34.0	63.3	64.2	2 700	65.7	63.7	3 000	68.1	62.3	3 300	34.0
		38.0	59.5	61.9	2 000	61.9	61.4	2 200	64.3	60.0	2 400	38.0
		42.0				58.0	58.8	1 600	60.2	57.2	1 800	42.0

**MANITOWOC M-85W – Liftcrane jib capacities jib no. 131****with 3 658mm strut on boom no. 47 3 080 KG CRAWLER FRAME COUNTERWEIGHT****21 090 KG COUNTERWEIGHT****6 807 MM CRAWLERS EXTENDED****360° RATING****18.3m (60 FT) JIB**

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	3 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
27.4	90	10.7	79.5	46.9	9 000*							10.7
		11.0	79.1	46.9	9 000*							11.0
		12.0	77.9	46.6	9 000*							12.0
		13.0	76.6	46.4	8 900*							13.0
		14.0	75.3	46.1	8 700*	79.9	45.7	7 900*				14.0
		15.0	74.0	45.8	8 600*	78.6	45.4	7 700*				15.0
		16.0	72.7	45.5	8 400*	77.3	45.1	7 600*				16.0
		17.0	71.4	45.1	8 200*	75.9	44.7	7 400*				17.0
		18.0	70.0	44.8	8 000*	74.6	44.4	7 300*				18.0
		19.0	68.7	44.4	7 900*	73.3	44.0	7 200*	78.4	42.8	6 400*	19.0
		20.0	67.4	43.9	7 700*	71.9	43.5	7 000*	77.0	42.3	6 300*	20.0
		21.0	66.0	43.5	7 500*	70.5	43.1	6 900*	75.5	41.8	6 200*	21.0
		22.0	64.6	43.0	7 300*	69.1	42.6	6 800*	74.1	41.3	6 000*	22.0
		24.0	61.8	41.9	6 900	66.3	41.5	6 500*	71.2	40.2	5 700*	24.0
		26.0	58.9	40.7	6 200	63.3	40.3	6 300*	68.1	38.9	5 400*	26.0
		28.0	55.9	39.4	5 500	60.3	38.9	5 800	65.0	37.5	5 100*	28.0
30.5	100	30.0	52.8	37.9	5 000	57.2	37.4	5 200	61.7	35.9	4 900*	30.0
		34.0	46.1	34.3	4 000	50.4	33.7	4 200	54.7	32.1	4 400	34.0
		38.0	38.6	29.7	3 300	42.7	29.0	3 400	46.5	27.1	3 500	38.0
		42.0	29.4	23.4	2 700	33.2	22.6	2 800				42.0
		10.7	80.2	50.0	9 000*							10.7
		11.0	79.8	50.0	9 000*							11.0
		12.0	78.6	49.8	9 000*							12.0
		13.0	77.4	49.5	8 900*							13.0
		14.0	76.2	49.3	8 800*	80.5	48.9	8 000*				14.0
		15.0	75.0	49.0	8 600*	79.3	48.6	7 800*				15.0
		16.0	73.8	48.7	8 400*	78.1	48.3	7 600*				16.0
		17.0	72.6	48.4	8 300*	76.9	48.0	7 500*				17.0
		18.0	71.3	48.0	8 100*	75.6	47.6	7 400*				18.0
		19.0	70.1	47.6	8 000*	74.4	47.2	7 300*	79.2	46.0	6 400*	19.0
		20.0	68.8	47.2	7 800*	73.1	46.8	7 100*	77.9	45.6	6 300*	20.0
		21.0	67.6	46.8	7 700*	71.8	46.4	7 000*	76.6	45.1	6 200*	21.0
33.5	110	22.0	66.3	46.4	7 500*	70.5	45.9	6 900*	75.2	44.7	6 100*	22.0
		24.0	63.7	45.4	6 900	67.9	44.9	6 700*	72.5	43.6	5 800*	24.0
		26.0	61.0	44.3	6 000	65.2	43.8	6 300	69.8	42.5	5 500*	26.0
		28.0	58.3	43.1	5 400	62.5	42.6	5 600	66.9	41.2	5 300*	28.0
		30.0	55.5	41.7	4 800	59.6	41.2	5 000	63.9	39.8	5 000*	30.0
		34.0	49.5	38.5	3 900	53.6	37.9	4 100	57.6	36.4	4 200	34.0
		38.0	42.9	34.5	3 100	46.9	33.9	3 300	50.6	32.1	3 400	38.0
		42.0	35.4	29.3	2 600	39.1	28.6	2 700				42.0
		46.0	25.8	22.2	2 100							46.0
		10.7	80.7	53.2	9 000*							10.7
		11.0	80.4	53.1	9 000*							11.0
		12.0	79.3	52.9	9 000*							12.0
		13.0	78.2	52.7	8 900*							13.0
		14.0	77.0	52.4	8 800*							14.0
		15.0	75.9	52.2	8 700*							15.0
		16.0	74.8	51.9	8 500*	78.8	51.5	7 700*				16.0
		17.0	73.6	51.6	8 400*	77.7	51.2	7 600*				17.0
		18.0	72.5	51.3	8 200*	76.5	50.8	7 500*				18.0
		19.0	71.3	50.9	8 100*	75.3	50.5	7 300*	79.9	49.2	6 400*	19.0
		20.0	70.1	50.5	7 900*	74.2	50.1	7 200*	78.6	48.8	6 300*	20.0
		21.0	69.0	50.1	7 800*	73.0	49.7	7 100*	77.4	48.4	6 300*	21.0
		22.0	67.8	49.7	7 500*	71.8	49.3	7 000*	76.2	48.0	6 200*	22.0
		24.0	65.4	48.8	6 800	69.3	48.3	6 800*	73.7	47.0	6 000*	24.0
		26.0	62.9	47.8	5 900	66.8	47.3	6 200	71.1	46.0	5 700*	26.0
		28.0	60.4	46.6	5 300	64.3	46.2	5 500	68.5	44.8	5 400*	28.0
		30.0	57.8	45.4	4 700	61.7	44.9	4 900	65.8	43.5	5 100	30.0
		34.0	52.4	42.5	3 800	56.2	41.9	3 900	60.1	40.4	4 100	34.0
		38.0	46.5	38.9	3 000	50.2	38.3	3 200	53.9	36.6	3 300	38.0
		42.0	39.9	34.5	2 400	43.6	33.8	2 500	46.8	31.8	2 700	42.0
		46.0	32.3	28.7	2 000	35.7	27.9	2 000				46.0
		50.0	22.3	20.6	1 600							50.0

**MANITOWOC M-85w – Liftcrane jib capacities jib no. 131****with 3 658mm strut on boom no. 47 3 080 KG CRAWLER FRAME COUNTERWEIGHT****21 090 KG COUNTERWEIGHT****6 807 MM CRAWLERS EXTENDED****360° RATING****18.3m (60 FT) JIB**

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	3 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
36.6	120	12.2	79.7	56.0	9 000*							12.2
		13.0	78.8	55.8	8 900*							13.0
		14.0	77.8	55.6	8 900*							14.0
		15.0	76.7	55.3	8 700*							15.0
		16.0	75.6	55.1	8 500*	79.5	54.6	7 800*				16.0
		17.0	74.6	54.8	8 400*	78.4	54.3	7 600*				17.0
		18.0	73.5	54.5	8 200*	77.3	54.0	7 500*				18.0
		19.0	72.4	54.1	8 100*	76.2	53.7	7 400*				19.0
		20.0	71.3	53.8	8 000*	75.1	53.3	7 300*	79.3	52.0	6 400*	20.0
		21.0	70.2	53.4	7 800*	74.0	53.0	7 200*	78.2	51.6	6 300*	21.0
		22.0	69.1	53.0	7 600*	72.8	52.6	7 100*	77.0	51.2	6 200*	22.0
		24.0	66.8	52.2	6 600	70.6	51.7	6 800	74.7	50.3	6 100*	24.0
		26.0	64.5	51.2	5 800	68.3	50.7	6 100	72.3	49.4	5 800*	26.0
		28.0	62.2	50.2	5 100	65.9	49.7	5 400	69.9	48.3	5 500*	28.0
		30.0	59.8	49.0	4 500	63.5	48.5	4 800	67.4	47.1	5 100	30.0
		34.0	54.8	46.3	3 600	58.4	45.8	3 800	62.2	44.3	4 100	34.0
		38.0	49.5	43.1	2 900	53.0	42.5	3 100	56.6	40.8	3 200	38.0
		42.0	43.7	39.1	2 300	47.1	38.5	2 400	50.4	36.7	2 500	42.0
		46.0	37.1	34.2	1 800	40.4	33.5	1 900				46.0
		50.0	29.3	27.9	1 400	32.4	27.0	1 500				50.0
39.6	130	12.2	80.2	59.1	9 000*							12.2
		13.0	79.4	58.9	8 900*							13.0
		14.0	78.4	58.7	8 800*							14.0
		15.0	77.4	58.5	8 700*							15.0
		16.0	76.4	58.2	8 500*	80.0	57.8	7 800*				16.0
		17.0	75.4	57.9	8 400*	79.0	57.5	7 600*				17.0
		18.0	74.4	57.6	8 300*	78.0	57.2	7 500*				18.0
		19.0	73.3	57.3	8 100*	76.9	56.9	7 400*				19.0
		20.0	72.3	57.0	8 000*	75.9	56.6	7 300*	79.9	55.2	6 400*	20.0
		21.0	71.3	56.7	7 800	74.9	56.2	7 200*	78.9	54.9	6 300*	21.0
		22.0	70.2	56.3	7 500	73.8	55.8	7 100*	77.8	54.5	6 300*	22.0
		24.0	68.1	55.5	6 400	71.7	55.0	6 700	75.6	53.6	6 100*	24.0
		26.0	66.0	54.6	5 600	69.5	54.1	6 000	73.4	52.7	5 900*	26.0
		28.0	63.8	53.6	4 900	67.3	53.1	5 200	71.1	51.7	5 600*	28.0
		30.0	61.5	52.5	4 400	65.0	52.0	4 700	68.8	50.6	5 000	30.0
		34.0	56.9	50.0	3 400	60.4	49.5	3 700	64.0	48.0	3 900	34.0
		38.0	52.0	47.1	2 700	55.4	46.5	2 900	58.8	44.9	3 100	38.0
		42.0	46.8	43.5	2 100	50.1	42.9	2 300	53.3	41.1	2 500	42.0
		46.0	41.0	39.2	1 600	44.2	38.5	1 800	47.1	36.5	2 000	46.0
		50.0				37.5	33.0	1 300				50.0
42.7	140	12.2	80.7	62.2	9 000*							12.2
		13.0	80.0	62.0	8 900*							13.0
		14.0	79.0	61.8	8 700*							14.0
		15.0	78.0	61.6	8 600*							15.0
		16.0	77.1	61.4	8 500*							16.0
		17.0	76.1	61.1	8 400*	79.6	60.6	7 600*				17.0
		18.0	75.2	60.8	8 200*	78.6	60.4	7 500*				18.0
		19.0	74.2	60.5	8 100*	77.6	60.1	7 400*				19.0
		20.0	73.2	60.2	8 000*	76.6	59.8	7 300*	80.5	58.4	6 400*	20.0
		21.0	72.2	59.9	7 700	75.6	59.4	7 200*	79.5	58.1	6 300*	21.0
		22.0	71.2	59.5	7 300	74.6	59.1	7 100*	78.4	57.7	6 300*	22.0
		24.0	69.2	58.8	6 300	72.6	58.3	6 700	76.4	56.9	6 100*	24.0
		26.0	67.2	57.9	5 500	70.6	57.5	5 900	74.3	56.1	6 000*	26.0
		28.0	65.2	57.0	4 800	68.5	56.5	5 200	72.2	55.1	5 500	28.0
		30.0	63.1	56.0	4 200	66.4	55.5	4 500	70.0	54.0	4 900	30.0
		34.0	58.8	53.7	3 300	62.1	53.2	3 600	65.5	51.6	3 800	34.0
		38.0	54.2	50.9	2 600	57.5	50.4	2 800	60.8	48.8	3 000	38.0
		42.0	49.4	47.7	2 000	52.6	47.1	2 100	55.7	45.3	2 300	42.0
		46.0	44.2	43.8	1 500	47.3	43.1	1 600	50.2	41.2	1 800	46.0

**MANITOWOC M-85W – Liftcrane jib capacities jib no. 131****with 3 658mm strut on boom no. 47 3 080 KG CRAWLER FRAME COUNTERWEIGHT****21 090 KG COUNTERWEIGHT****6 807 MM CRAWLERS EXTENDED****360° RATING****18.3m (60 FT) JIB**

BOOM LGTH. METERS	BOOM LGTH. FEET	JIB OPER. RADIUS METERS	3 DEGREE OFFSET			15 DEGREE OFFSET			30 DEGREE OFFSET			JIB OPER. RADIUS METERS
			BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	BOOM ANG. DEG.	JIB POINT ELEV. METERS	CAPACITY KILOGRAMS	
45.7	150	13.7	79.8	65.0	8 700*							13.7
		14.0	79.5	64.9	8 600*							14.0
		15.0	78.6	64.7	8 500*							15.0
		16.0	77.7	64.5	8 400*							16.0
		17.0	76.8	64.2	8 300*	80.1	63.8	7 600*				17.0
		18.0	75.9	64.0	8 200*	79.2	63.5	7 500*				18.0
		19.0	75.0	63.7	8 100*	78.2	63.2	7 400*				19.0
		20.0	74.0	63.4	8 000*	77.3	62.9	7 300*				20.0
		21.0	73.1	63.1	7 600	76.4	62.6	7 200*				21.0
		22.0	72.2	62.8	7 200	75.4	62.3	7 100*	79.0	60.9	6 300*	22.0
		24.0	70.3	62.0	6 200	73.5	61.6	6 600	77.1	60.2	6 100*	24.0
		26.0	68.4	61.3	5 400	71.6	60.8	5 800	75.1	59.3	6 100*	26.0
		28.0	66.4	60.4	4 700	69.6	59.9	5 100	73.1	58.4	5 500	28.0
		30.0	64.5	59.4	4 100	67.6	58.9	4 400	71.1	57.5	4 800	30.0
		34.0	60.4	57.3	3 200	63.6	56.7	3 400	66.9	55.2	3 700	34.0
48.8	160	13.7	80.3	68.1	8 600*							13.7
		14.0	80.0	68.0	8 500*							14.0
		15.0	79.1	67.8	8 400*							15.0
		16.0	78.3	67.6	8 300*							16.0
		17.0	77.4	67.4	8 200*	80.5	66.9	7 500*				17.0
		18.0	76.5	67.1	8 100*	79.7	66.7	7 500*				18.0
		19.0	75.7	66.9	8 000*	78.8	66.4	7 400*				19.0
		20.0	74.8	66.6	7 900*	77.9	66.1	7 300*				20.0
		21.0	73.9	66.3	7 500	77.0	65.8	7 200*				21.0
		22.0	73.0	66.0	7 000	76.1	65.5	7 200*	79.6	64.1	6 300*	22.0
		24.0	71.2	65.3	6 000	74.3	64.8	6 600	77.7	63.4	6 100*	24.0
		26.0	69.4	64.5	5 200	72.5	64.1	5 700	75.9	62.6	6 100*	26.0
		28.0	67.6	63.7	4 500	70.6	63.2	4 900	74.0	61.8	5 400	28.0
		30.0	65.7	62.8	4 000	68.7	62.3	4 300	72.0	60.8	4 700	30.0
		34.0	61.9	60.8	3 000	64.9	60.2	3 300	68.1	58.7	3 600	34.0
51.8	170	13.7	80.7	71.2	8 400*							13.7
		14.0	80.4	71.1	8 400*							14.0
		15.0	79.6	70.9	8 300*							15.0
		16.0	78.8	70.7	8 200*							16.0
		17.0	78.0	70.5	8 100*							17.0
		18.0	77.1	70.3	8 000*	79.3	69.5	7 300*				18.0
		19.0	76.3	70.0	7 900*	78.4	69.3	7 200*				19.0
		20.0	75.4	69.8	7 800*	77.6	69.0	7 200*				20.0
		21.0	74.6	69.5	7 400	76.7	68.7	7 100*	80.1	67.3	6 200*	21.0
		22.0	73.8	69.2	6 900	75.0	68.0	6 400	78.3	66.6	6 100*	22.0
		24.0	72.1	68.5	5 900	73.3	67.3	5 500	76.5	65.9	6 100	24.0
		26.0	70.3	67.8	5 100	71.5	66.5	4 800	74.7	65.1	5 300	26.0
		28.0	68.6	67.0	4 400	69.7	65.7	4 200	72.9	64.2	4 600	28.0
		30.0	66.8	66.2	3 800	66.1	63.7	3 200	69.2	62.2	3 500	30.0
		34.0	63.2	64.2	2 800	62.3	61.4	2 400	65.3	59.8	2 700	34.0
46.0	150	38.0	59.5	62.0	2 100	58.4	58.8	1 800	61.3	57.1	2 000	42.0
		42.0	55.6	59.3	1 600				57.0	53.9	1 500	46.0