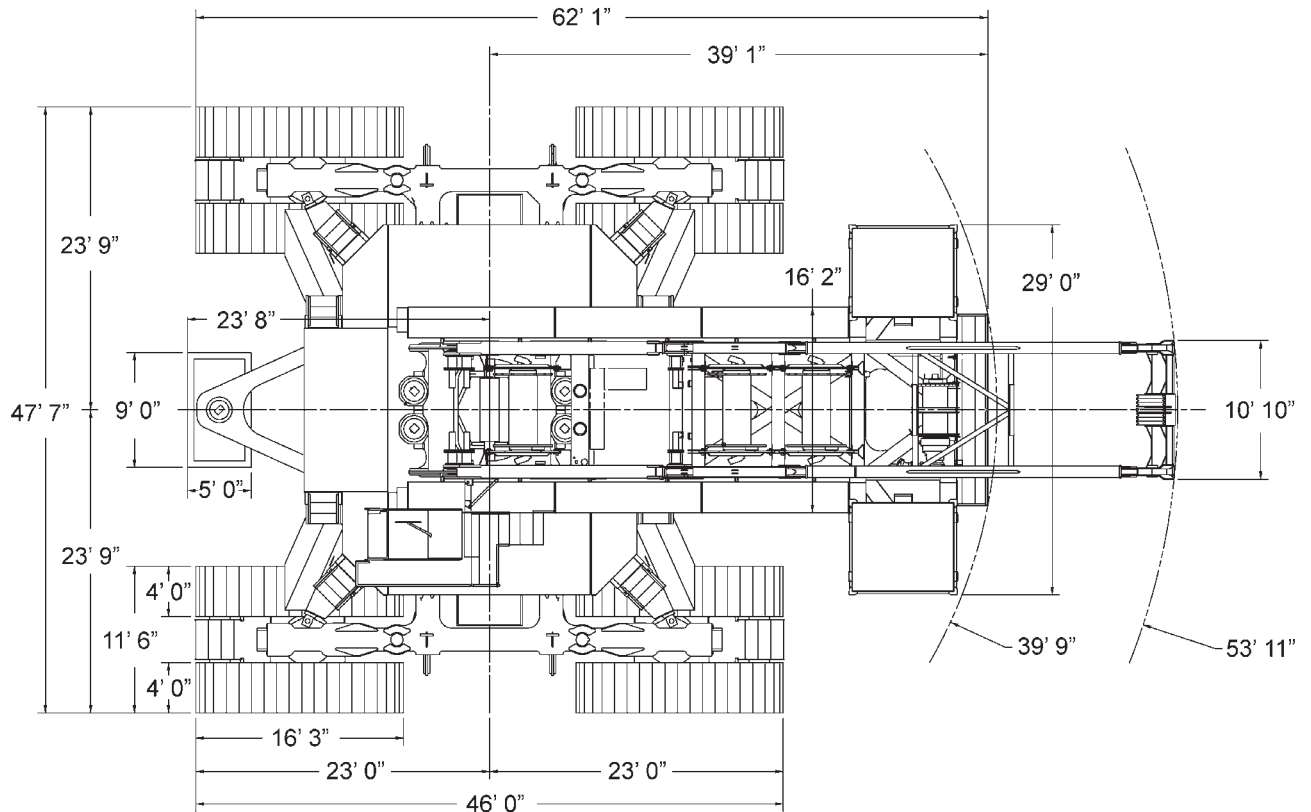
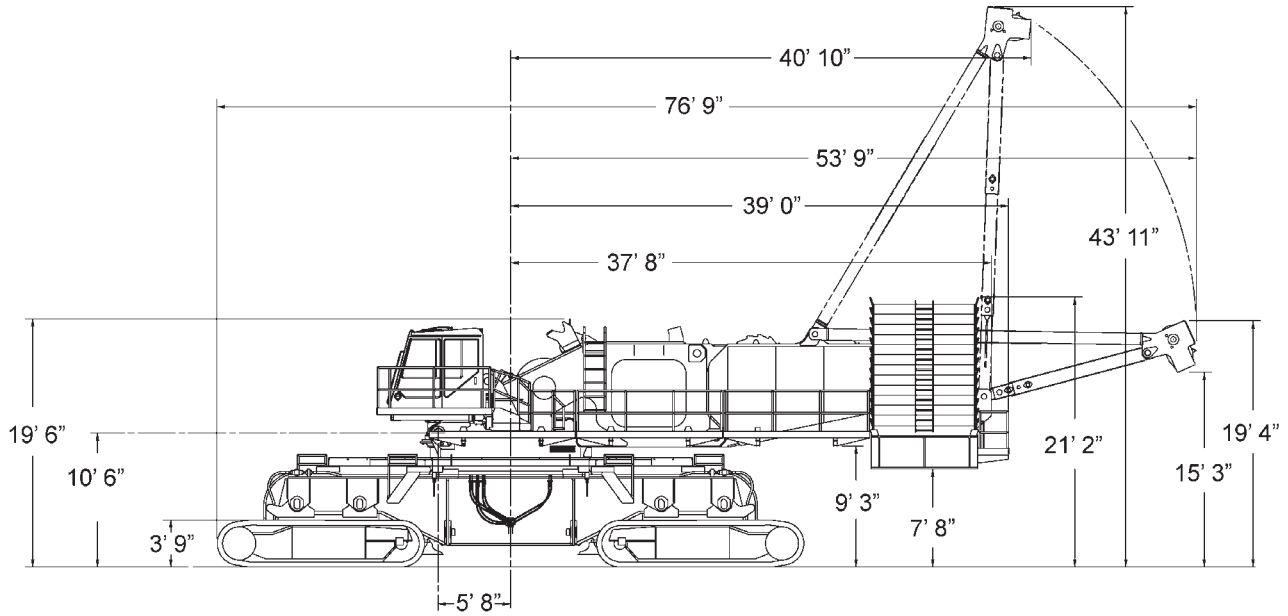


1000 t Crawler Crane



All information given are for reference only.

General Information

Hydraulic Truck Cranes

Crawler Cranes

Carry Decks

Rough Terrain Cranes

Rigging Equipment

Aerial Lifts

Transportation

1000 t Crawler Crane

MANITOWOC 21000



General Information

Hydraulic Truck Cranes

Crawler Cranes

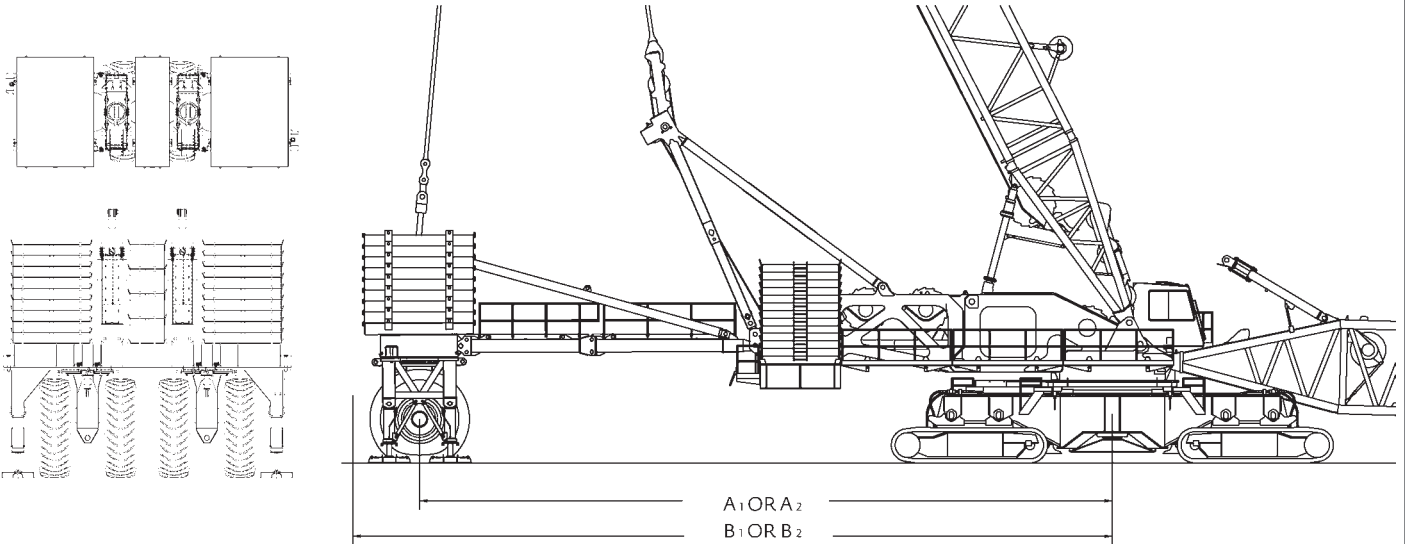
Carry Decks

Rough Terrain Cranes

Rigging Equipment

Aerial Lifts

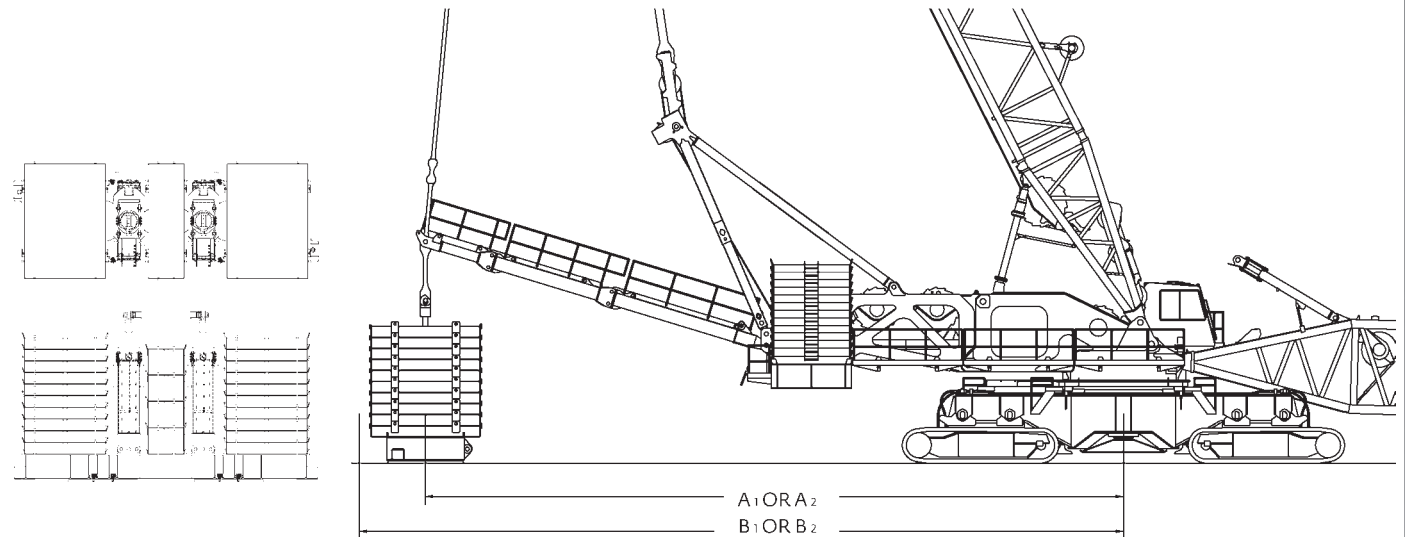
Transportation



WHEELED COUNTERWEIGHT

A₁ = ONE-PIECE SHEAR FRAME 59' 0"
 A₂ = TWO-PIECE SHEAR FRAME 72' 0"

B₁ = ONE-PIECE SHEAR FRAME 67' 0"
 B₂ = TWO-PIECE SHEAR FRAME 80' 0"



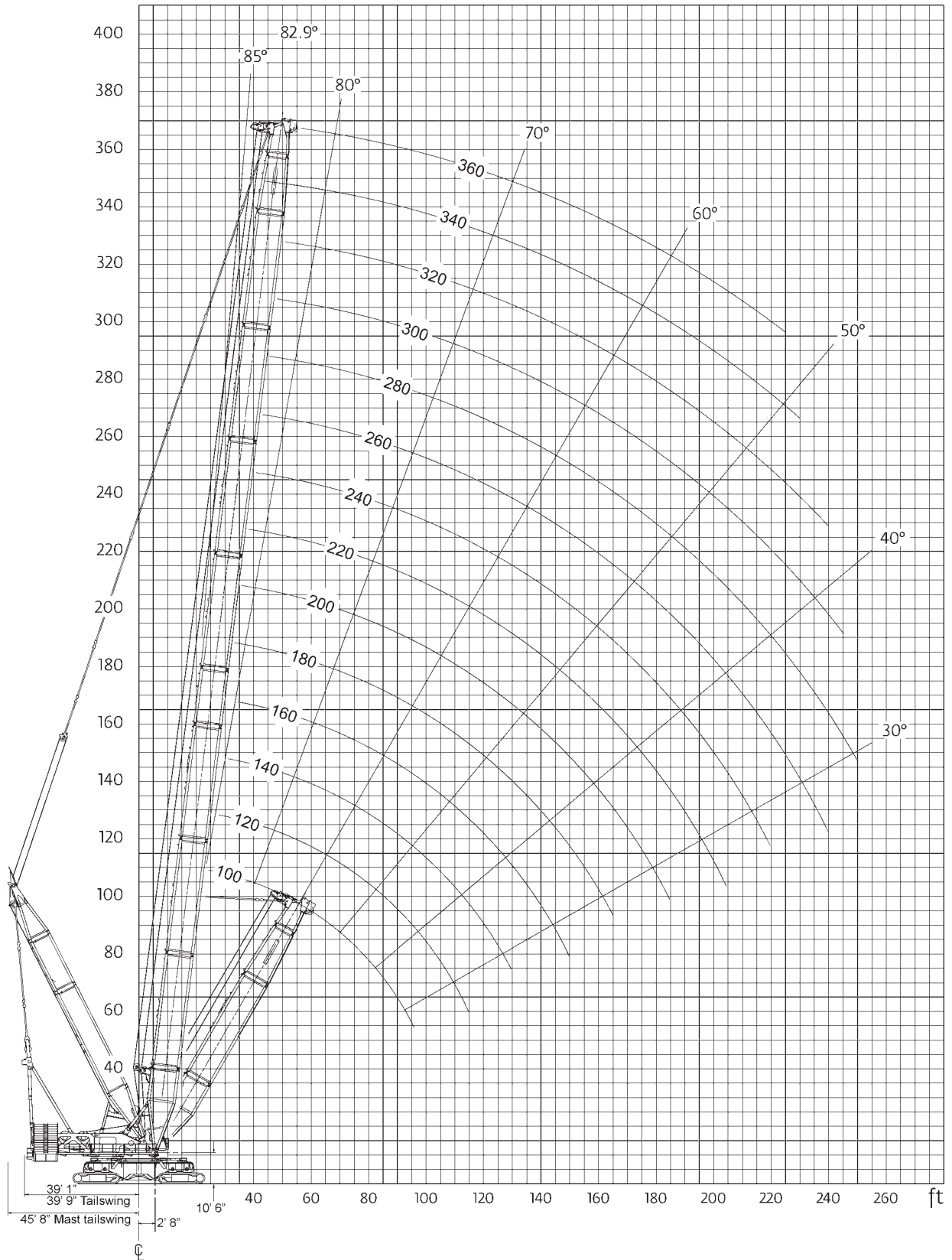
FREE HANGING COUNTERWEIGHT

A₁ = TWO-PIECE SHEAR FRAME 58' 9"
 A₂ = THREE-PIECE SHEAR FRAME 72' 6"

B₁ = TWO-PIECE SHEAR FRAME 66' 0"
 B₂ = THREE-PIECE SHEAR FRAME 79' 6"

All information given are for reference only.

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1000 t Crawler Crane

MANITOWOC 21000



General Information



100-360 ft



100 ft



530,700 lbs



43'7"



360°

75

75%

Hydraulic Truck Cranes

Crawler Cranes

Carry Decks

Rough Terrain Cranes

Rigging Equipment

Aerial Lifts

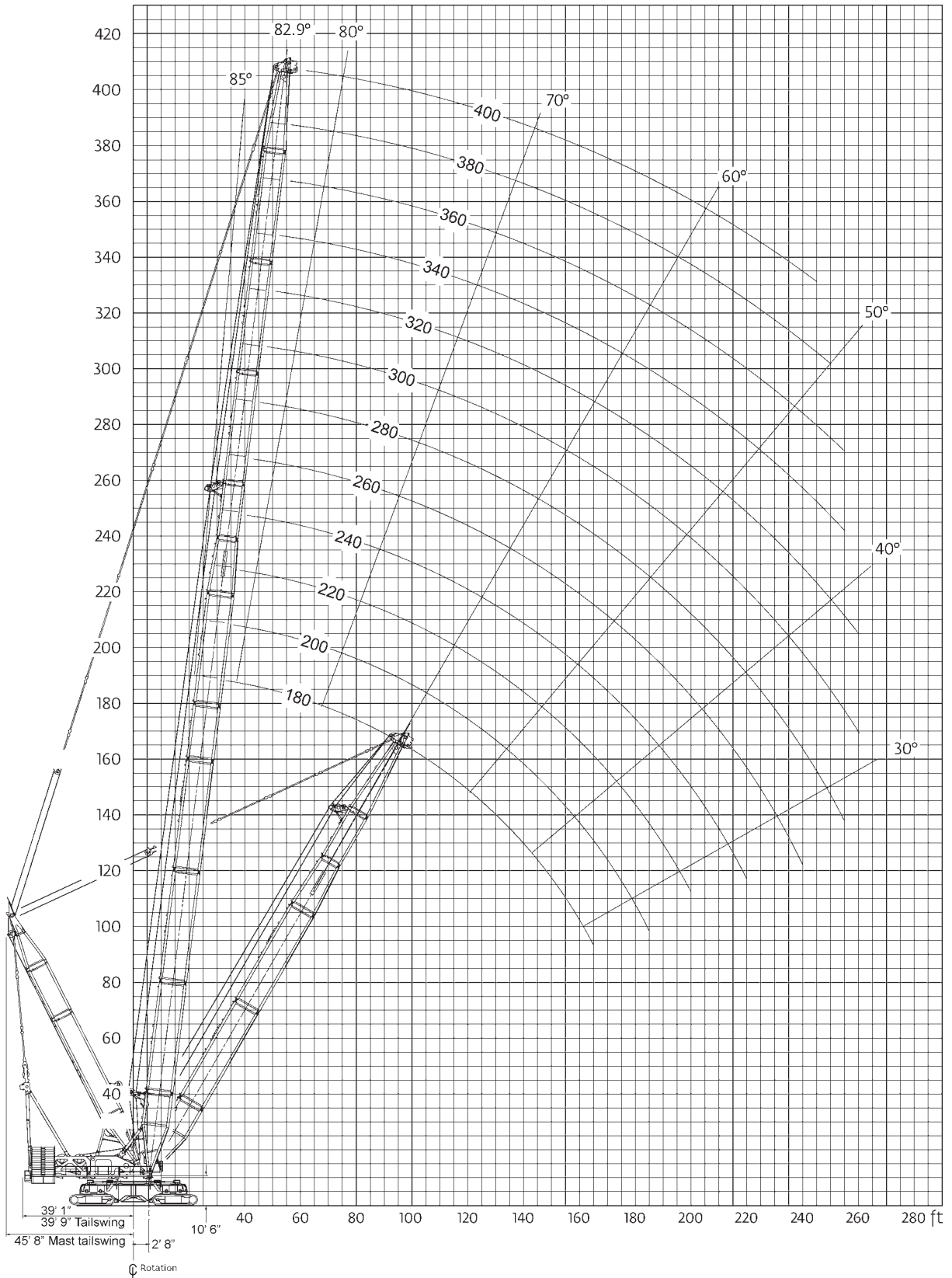
Transportation

ft	100	120	140	160	180	200	240	280	300	320	340	360	ft
23	1668.2												23
26	1485	1478.8											26
30	1293.6	1287.6	1283.8	1277.5									30
34	1144.1	1138.3	1134.7	1128.6	1130.8								34
40	972.7	967.2	963.7	957.8	960.2	955.7	948.2						40
50	774.1	768.8	765.6	759.9	762.5	757.9	750.3	742.1	737.1	733.5			50
60	633.8	629.4	626.5	621.5	624.5	620.3	613.5	606.1	601.6	598.4	593.7	589.9	60
70	529.6	525.3	522.5	517.7	520.7	516.4	509.4	501.8	497.2	493.9	489.2	485.7	70
80	452.1	447.9	445.2	440.5	443.6	439.2	432.1	424.4	419.6	416.3	411.5	408	80
90	392	388.1	385.5	380.8	384.1	379.6	372.4	364.6	359.7	356.4	351.6	348	90
100		340.4	337.9	333.3	336.7	332.1	324.8	317	312.1	308.7	303.8	300.2	100
110		301.4	299.1	294.6	298	293.4	286.1	278.2	273.3	269.9	265	261.3	110
120			266.7	262.4	265.9	261.3	253.9	245.9	240.4	236.4	230.5	226.1	120
130			236.1	232.2	238.2	232.9	224.7	215.3	209.4	205.3	199.2	194.8	130
150				182.8	189.3	184	175.6	166.1	160.1	155.9	149.7	145.2	150
160					169.4	164.2	155.8	146.3	140.1	136	129.8	125.3	160
170						146.7	138.4	128.8	122.6	118.5	112.2	107.7	170
180						131	122.9	113.3	107.1	102.9	96.7	92.1	180
200							96.4	86.9	80.7	76.6	70.3	65.7	200
210							85	75.6	69.4	65.3	59	54.4	210
220							74.5	65.3	59.2	55	48.7	44.2	220
230								55.9	49.8	45.7	39.3		230
240								47.2	41.1	37			240
250								39.1					250

with 200,000 lbs carbody counterweight

All information given are for reference only.

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General Information

Hydraulic Truck Cranes

Crawler Cranes

Carry Decks

Rough Terrain Cranes

Rigging Equipment

Aerial Lifts

Transportation

1000 t Crawler Crane

MANITOWOC 21000



General Information



180-400 ft



100 ft



530,700 lbs



43'7"



360°

75

75%

Hydraulic Truck Cranes

Crawler Cranes

Carry Decks

Rough Terrain Cranes

Rigging Equipment

Aerial Lifts

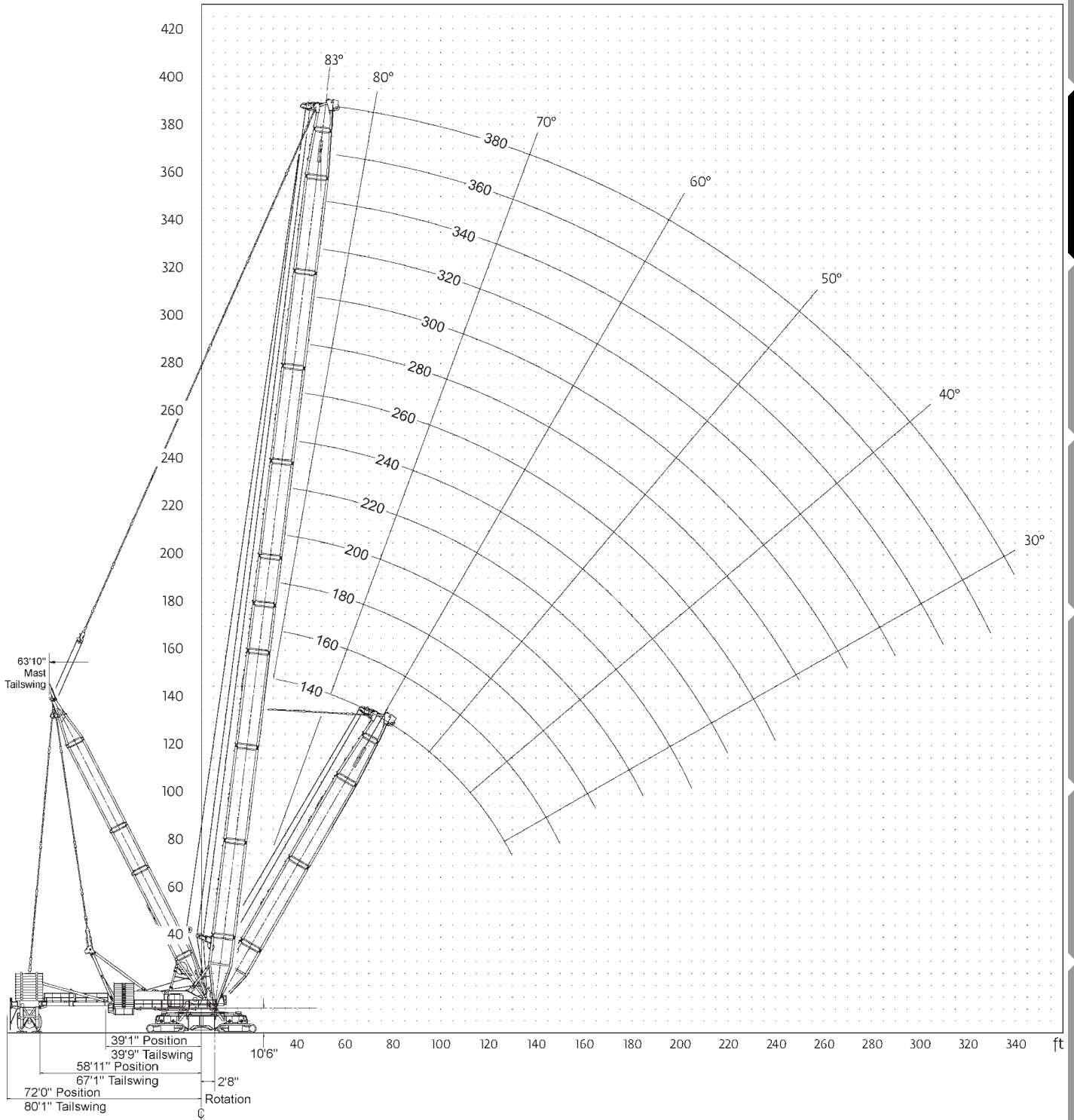
Transportation

ft	180	200	220	240	260	280	300	320	340	360	380	400	ft
32	1200												32
40	968.8	962.2	957.7	948.4									40
45	859.5	853.2	848.7	843.7	840.3	835.2							45
50	771.1	764.9	760.5	755.4	752	746.9	744.5	743.6					50
60	633.2	627.7	623.5	619	615.9	611.3	609.3	608.8	606.1	604.9	585.6	504.8	60
70	529.4	524	519.9	515.2	512.1	507.4	505.3	504.7	501.9	500.9	498.4	467.6	70
80	452.2	446.9	442.9	438.1	435	430.2	428.1	427.4	424.5	423.5	420.9	419.5	80
90	392.6	387.4	383.4	378.6	375.4	370.6	368.4	367.7	364.8	363.7	361.1	359.7	90
100	345.2	340	336	331.2	328	323.1	321	320.3	317.3	316.2	313.5	312	100
110	306.5	301.4	297.5	292.6	289.4	284.5	282.3	281.6	278.6	277.4	274.7	273.3	110
120	274.3	269.3	265.4	260.5	257.3	252.4	250.2	249.5	246.4	245.3	242.5	241	120
130	247.1	242.2	238.3	233.4	230	224	221.6	221.2	217.7	216.6	213.5	211.8	130
150	200.4	195	190.6	184.8	181.2	175	172.6	172.1	168.4	167.3	164	162.3	150
160	180.4	175.2	170.9	165.1	161.4	155.3	152.8	152.3	148.5	147.4	144.1	142.4	160
170		157.7	153.6	147.7	144.1	137.9	135.4	134.8	131.1	129.9	126.6	124.9	170
180		142.1	138.1	132.3	128.6	122.5	119.9	119.4	115.6	114.4	111.1	109.3	180
190			124.3	118.5	114.8	108.7	106.1	105.6	101.8	100.6	97.2	95.5	190
200			111.7	106	102.4	96.3	93.7	93.2	89.3	88.1	84.8	83	200
210				94.7	91.2	85	82.5	82	78.1	76.9	73.5	71.8	210
220				84.3	80.9	74.8	72.3	71.8	67.9	66.7	63.3	61.5	220
230					71.4	65.4	62.9	62.5	58.6	57.4	54	52.2	230
240					62.7	56.8	54.4	53.9	50	48.8	45.4	43.7	240
250						48.8	46.4	46	42.1	40.9	37.5		250
260							39.1	38.7					260

with 200,000 lbs carbody counterweight

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General Information

Hydraulic Truck Cranes

Crawler Cranes

Carry Decks

Rough Terrain Cranes

Rigging Equipment

Aerial Lifts

Transportation

1000 t Crawler Crane


MANITOWOC 21000



General Information


140-380 ft
MAX-ER


140 ft


458,700 lbs


1,127,300 lbs


43'7"


360°

75
75%

Hydraulic Truck Cranes

Crawler Cranes

Carry Decks

Rough Terrain Cranes

Rigging Equipment

Aerial Lifts

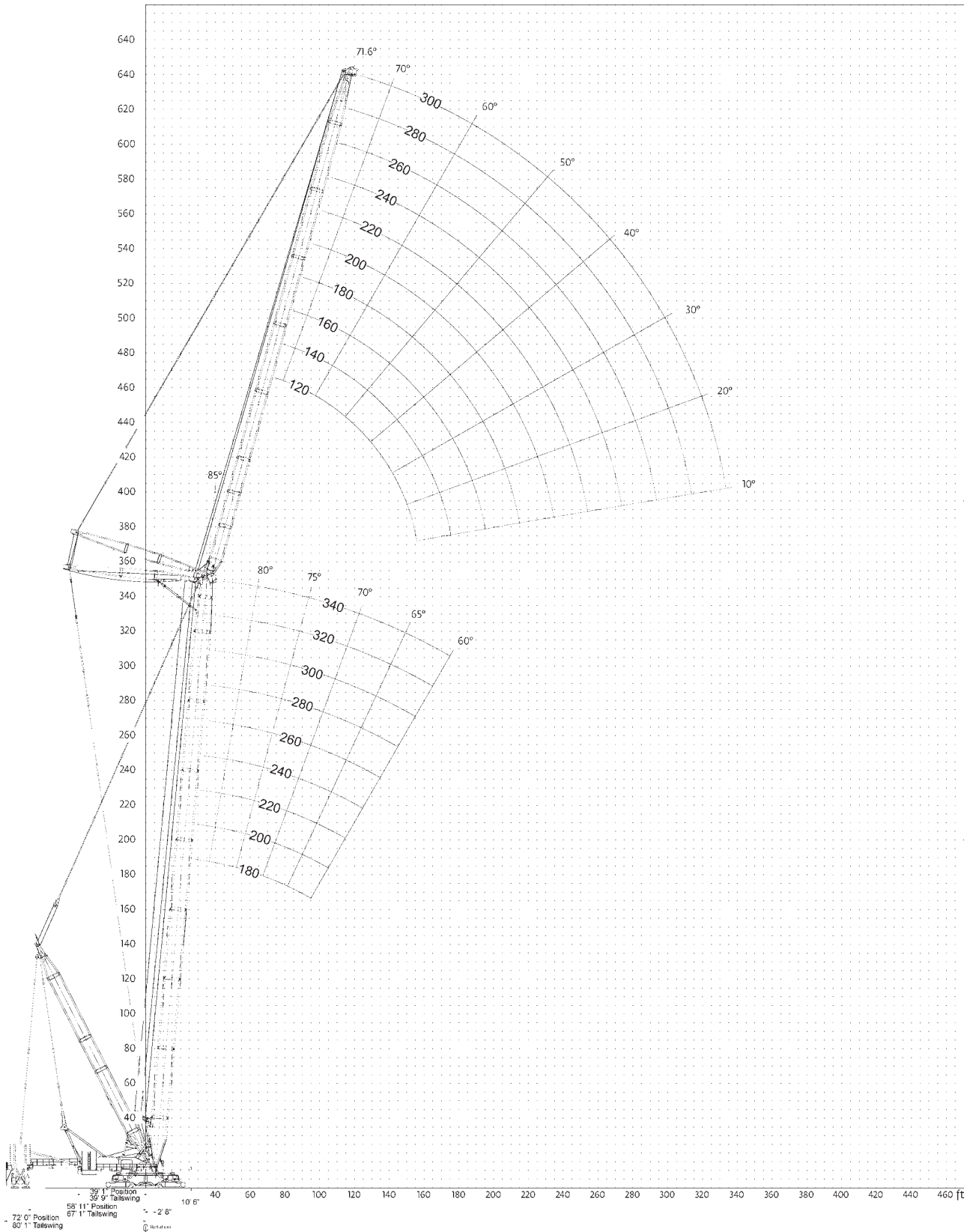
Transportation

ft	140	160	180	200	220	240	280	300	320	340	360	380	ft
28	2000												28
32	2000	2000											32
36	2000	2000	1941.3	1863.9									36
40	2000	2000	1941.3	1863.9	1756.5	1641.6							40
50	1911.9	1906.6	1903	1863.9	1753.7	1628.9	1356.3	1247.8	1103.8				50
60	1593.4	1588.2	1584.8	1580.6	1576.3	1573.8	1332.3	1226.4	1103.8	968.1	851.7	753	60
70	1362.8	1357.7	1354.3	1350	1345.6	1343.1	1307.8	1204.7	1103.8	968.1	851.7	753	70
80	1188	1183.1	1179.7	1175.3	1170.8	1168.2	1160.5	1155.7	1085.2	968.1	851.7	753	80
90	1051	1046.1	1042.8	1038.3	1033.7	1031.2	1023.4	1018.5	1021.7	968.1	851.7	753	90
100	940.6	935.8	932.6	928	923.4	920.8	913	908.1	911.4	906.4	851.7	753	100
110	849.7	845.1	841.9	837.3	832.6	830	822.2	817.3	820.6	815.6	812	727.7	110
120	764.4	769.1	766	761.3	756.6	754	746.2	741.3	744.6	739.6	736	694.6	120
130	667	704.5	701.4	696.8	692.1	689.5	681.6	676.7	680	675.1	671.4	661.9	130
140		645.7	645.9	641.3	636.5	633.9	626.1	621.2	624.5	619.5	615.9	610.9	140
160			554.3	550.5	545.8	543.3	535.4	530.5	533.9	528.9	525.3	520.2	160
180				478.7	474.8	472.3	464.5	459.6	463	458	454.4	449.4	180
200					415.5	415.2	407.5	402.6	406.1	401.1	397.5	392.5	200
220						365	360.5	355.7	359.2	354.3	350.7	345.7	220
240							321.2	316.4	320	315.1	311.6	306.6	240
260								282.9	286.7	281.8	278.3	273.3	260
280									257.9	253.1	249.6	244.7	280
300										228	224.7	210.2	300
320											202.7	171.3	320
340												133.9	340

with 200,000 lbs carbody counterweight

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General Information

Hydraulic Truck Cranes

Crawler Cranes

Carry Decks

Rough Terrain Cranes

Rigging Equipment

Aerial Lifts








Transportation

1000 t Crawler Crane

MANITOWOC 21000



General Information

							75
180-340 ft 85°	140 ft	120-300 ft	497,700 lbs	1,124,000 lbs	43'7"	360°	75%

Hydraulic Truck Cranes

ft	180	220	120 260	300	340	180	220	180 260	300	340	ft
60	1000										60
70	969.1										70
80	913.3	787				749.2	622.1				80
100	812.7	689.8	585.7	498.5	415.9	696.3	579.7	488.4	411.9	317.6	100
120	647	547.1	474.1	412	356.3	591	493.9	420.9	359.6	306.6	120
140	484.3	445.1	390.2	343.1	300.5	489.4	411	354.5	306.6	264.7	140
160						402.6	340.2	296.4	259.1	226.3	160
180						334.4	284.1	249.5	220	193.9	180
200						287.7	244.5	215.6	190.8	168.8	200
215										158.1	215

Crawler Cranes

with 200,000 carbody counterweight

Carry Decks

Rough Terrain Cranes


ft	180	220	240 260	300	340	180	220	300 260	300	340	ft
90	486.1										90
100	486.1	421.1	357.5	299.4							100
120	483.4	410.2	349.8	297.6	235.7	330	286.7	251.6	215.6	177.9	120
150	405.7	341.8	293.2	251.3	214.5	299.4	283.3	243.7	208.4	172.5	150
180	326.7	274.3	236.7	204.6	176.3	242.2	244.3	210.4	179.9	152.6	180
210	260.1	218.3	189.5	165	143.3	192.1	196	176.4	151	128.4	210
240	210.2	176.8	154.2	135.1	118	150.3	154.3	146.2	125.3	106.8	240
270			135.6	117.6	102.3	115.6	119.2	121.5	104.3	89	270
300						87.5	90.4	93.6	88.5	75.5	300
330								72.1	73.5	67.6	330

Aerial Lifts

with 200,000 carbody counterweight


Transportation

All information given are for reference only.


 180-340 ft
 75°


 140 ft


 120-300 ft


 497,700 lbs


 1,124,000 lbs


 43'7"


 360°

75
 75%

General Information

Hydraulic Truck Cranes

Crawler Cranes

Carry Decks

Rough Terrain Cranes

Rigging Equipment

Aerial Lifts

Transportation

ft	180	220	120 260	300	340	180	220	180 260	300	340	ft
110	826.6										110
120	754.8	736.4									120
130	693.5	676.8	658.8								130
150	594.6	580.4	565.1	520.2		585.2	569.5				150
170	516.7	505.4	492.4	469.3	397.8	510.2	496.4	481.7	415.6		170
190			433.3	418.1	355	450.4	438.2	425.2	387.2	317.3	190
210					312.3	401.5	390.6	379	355.5	291.6	210
230						359.7	350.6	340.4	324.2	265.3	230
250								306.8	293.4	239.7	250
270										214.2	270

with 200,000 carbody counterweight

ft	180	220	240 260	300	340	180	220	300 260	300	340	ft
160	475.4										160
180	448.5	433.9									180
200	409.5	402.7	374.3	316.4		262.9	270.7				200
220	367.2	360.1	348.3	299.8	245.6	229.3	242.7	248.7	225		220
250	309.2	308.6	298.3	269.8	220	182.1	196.9	209.8	216.4	187.8	250
280	261.9	267.5	258.5	239	193.1	141.9	155.3	168.5	179.9	171.3	280
310			221.3	201.7	167.4	108.8	120	131.5	143.2	152.6	310
340						82.4	91.2	100.7	110.9	120.9	340
370								76.7	84.3	92.8	370
390										77.5	390

with 200,000 carbody counterweight








All information given are for reference only.

1000 t Crawler Crane

MANITOWOC 21000



General Information

							75
180-340 ft 65°	140 ft	120-300 ft	497,700 lbs	1,124,000 lbs	43'7"	360°	75%

Hydraulic Truck Cranes

ft	180	220	120 260	300	340	180	220	180 260	300	340	ft
160	525.9										160
170	491.9										170
190	433.8	415.5	395.6								190
210		369.7	352.5	332.8		377.8	359.2				210
230			315.7	298.7	279	339.5	322.8	304.9			230
250				268.6	251.7	306.6	291.7	275.6	257.8		250
270					226.6		264.5	250.2	234	216	270
290								227.4	213	196.6	290
310									193.8	179.3	310
330										162.8	330

with 200,000 carbody counterweight

Crawler Cranes

Carry Decks

Rough Terrain Cranes

Rigging Equipment

Aerial Lifts

Transportation

ft	180	220	240 260	300	340	180	220	300 260	300	340	ft
225	337.3										225
235	320.1										235
250	296.8	280.4									250
270	269.6	254.5	238.5			192.5					270
300	235	221.7	207.5	192	175.1	153.6	174.1	188.8			300
330		194	181.7	167.8	152.6	119.1	138.1	157.4	154.7	131	330
360				147	133.4	90.8	106.6	124.1	135	119	360
390					110.9		81.3	95.3	111.1	103.7	390
420									85.1	87.6	420
450										69.3	450

with 200,000 carbody counterweight

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