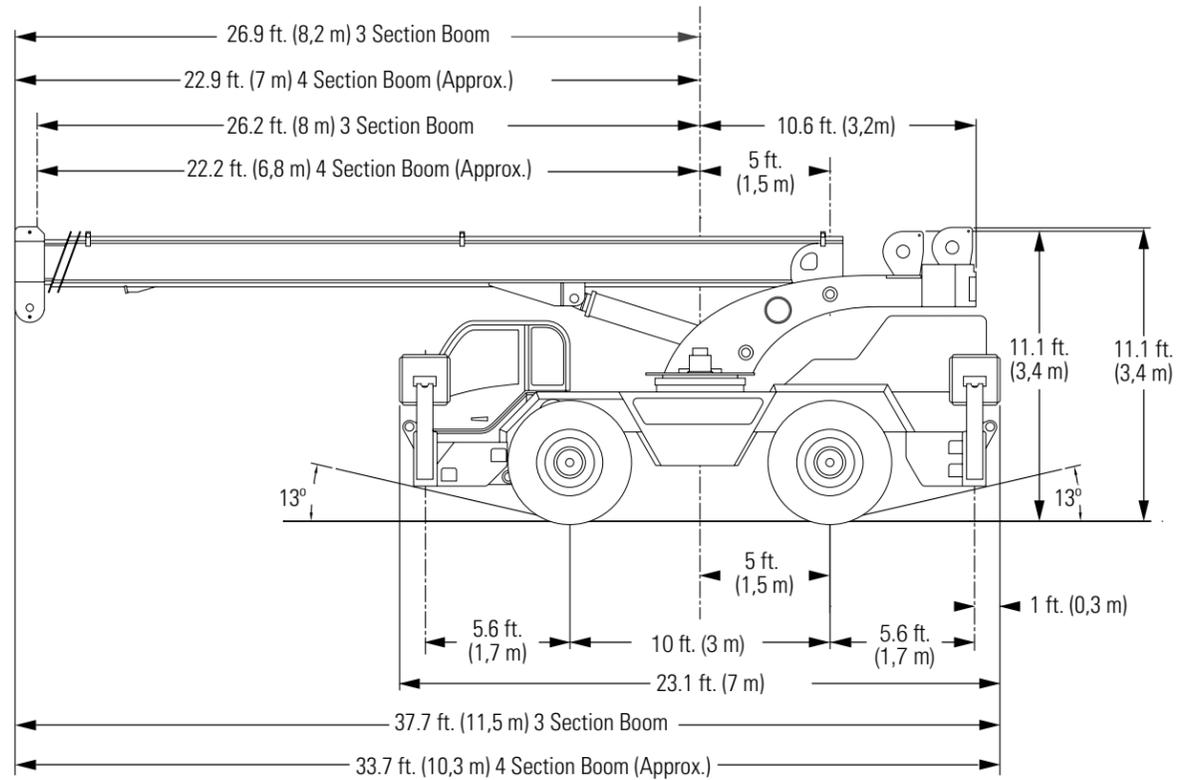


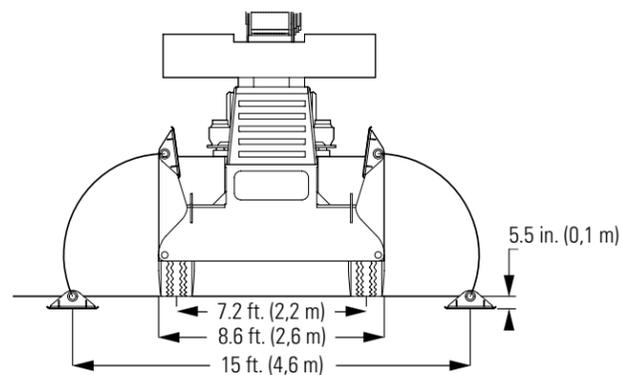
CRANE DIMENSIONS

Imperial & Metric Units



OUTRIGGER EXTENSION

Imperial & Metric Units



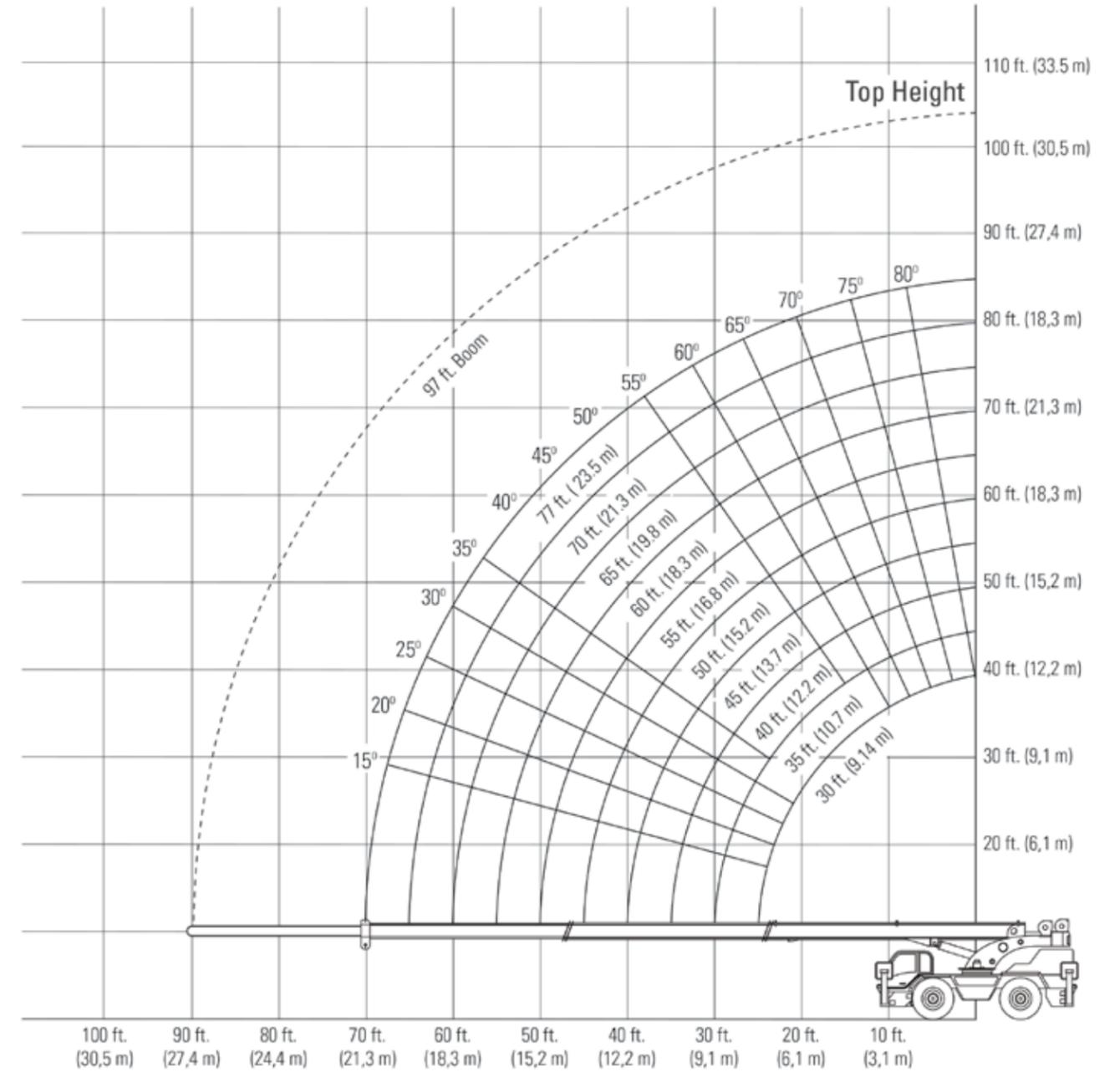
NOTE:

Tire Size:	14.00 x 24	17 x 25
Track width:	6 ft. 9 in. (2,1 m)	6 ft. 9 in. (2,1 m)
Overall width:	7 ft. 11.8 in. (2,4 m)	8 ft. 4.9 in. (2,6 m)

Notes: Additional axles required for federal bridge legal configuration - consult Manitex.
Manitex highly recommends the addition of a front stabilizer and it may be required on some installations - consult Manitex.

BOOM DIAGRAM

Imperial & Metric Units



CRANE WEIGHTS



M300

54,750 lbs. (24,834 kg)

Data published herein is intended as a guide only. Crane operation is subject to the computer charts and operation manual supplied with the crane.

M300 LOAD CHART: Main Boom - On Outriggers

Lifting Capacities 3 Section Boom 31 ft. - 77 ft.
Imperial Units

9,000 lbs. 15 ft. (100%) 360° Continuous

Boom Angle (deg.)	31 ft. Boom			40 ft. Boom			50 ft. Boom			60 ft. Boom			70 ft. Boom			77 ft. Boom		
	Boom Angle (deg.)	Over Front (lbs.)	360° (lbs.)	Boom Angle (deg.)	Over Front (lbs.)	360° (lbs.)	Boom Angle (deg.)	Over Front (lbs.)	360° (lbs.)	Boom Angle (deg.)	Over Front (lbs.)	360° (lbs.)	Boom Angle (deg.)	Over Front (lbs.)	360° (lbs.)	Boom Angle (deg.)	Over Front (lbs.)	360° (lbs.)
10 ft.	61°	60,000	60,000	68°	55,000	55,000												
12 ft.	56°	50,000	50,000	65°	50,000	50,000	70°	45,000	45,000									
15 ft.	49°	40,000	40,000	60°	40,000	40,000	66°	37,500	37,500	71°	35,000	35,000						
20 ft.	35°	30,000	25,500	51°	30,000	25,500	60°	29,000	25,500	65°	28,000	25,500	69°	28,000	25,500			
25 ft.	10°	24,000	17,000	41°	24,000	17,000	53°	24,000	17,000	60°	24,000	17,000	65°	22,000	17,000	67°	20,000	17,000
30 ft.				29°	20,000	14,000	46°	18,000	14,000	54°	17,000	14,000	60°	16,500	14,000	63°	16,500	14,000
35 ft.				0°	17,100	10,600	37°	17,000	10,600	48°	16,500	10,600	55°	15,700	10,600	59°	15,000	10,600
40 ft.							26°	11,900	8,500	41°	11,900	8,500	50°	11,900	8,500	54°	11,900	8,500
45 ft.							0°	9,300	6,800	34°	9,300	6,800	44°	9,300	6,800	49°	9,300	6,800
50 ft.										24°	8,000	5,500	38°	8,000	5,500	44°	8,000	5,500
55 ft.										0°	6,800	4,650	31°	6,800	4,750	39°	6,800	4,750
60 ft.													22°	5,950	4,000	32°	5,950	4,000
65 ft.													0°	5,650	3,400	24°	5,650	3,400
70 ft.																12°	5,400	2,950

ON TIRES*

Max. Boom Length (ft.)	360° (lbs.)	Pick and Carry		Straight Over Front (lbs.)
		Stationary	Creep	
10 ft.	31	18,000	25,000	21,000
12 ft.	31	13,700	22,000	18,000
15 ft.	40	10,100	17,500	15,000
20 ft.	40	7,000	13,000	11,000
25 ft.	45	5,000	9,000	8,000
30 ft.	45	3,000	7,000	6,000
35 ft.	45	2,000	6,000	5,000
40 ft.	53	1,500	5,000	4,000
45 ft.	60		3,500	3,500
50 ft.	65		3,000	3,000
55 ft.	70		2,000	2,000
60 ft.	70		1,400	1,400
65 ft.	75		1,000	

20 ft. Jib on Outriggers		
Boom Angle (deg.)	Boom Radius (ref. ft.)	360° (lbs.)
70°	25	14,100
67°	30	12,900
63°	35	11,850
60°	40	10,600
57°	45	8,750
53°	50	7,350
49°	55	6,250
46°	60	5,350
41°	65	4,600
37°	70	4,000
32°	75	3,450
27°	80	3,000
20°	85	2,600
10°	90	2,250

- NOTES:**
- Loads above heavy line are based on structural rating
 - Loads below heavy line are based on tipping rating
 - Lifting with jib on tires is not permitted
 - All "On Tires" tipping loads are based on 75% tipping
 - Rotation of erect jib is allowed with boom fully retracted, creep only
 - Transport of erect jib is allowed with boom fully retracted, 5 mph max
 - Boom angles are undeflected boom angles
 - These load ratings are for lift service only
 - Pick & Carry permissible only with boom and loa centered over front
 - Weight of hook blocks and slings is part of the load, and is to be deducted from the capacity ratings. Consult operation manual for further details

(Continued on pg. 11)

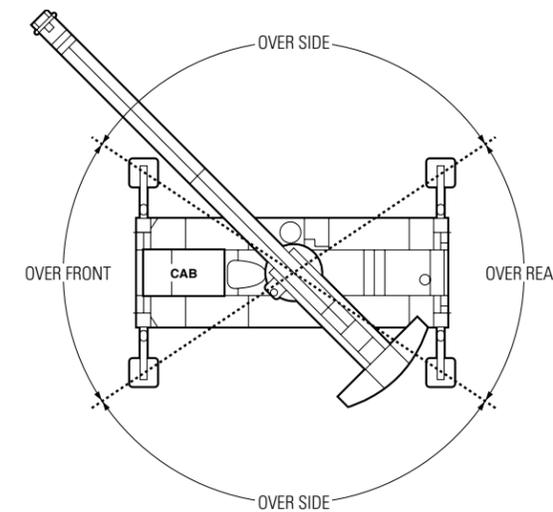
Tire Pressure

Tire Size	Stationary	Creep	2.5 MPG	Travel
16 x 25-32 PR	125 PSI	125 PSI	125 PSI	95 PSI

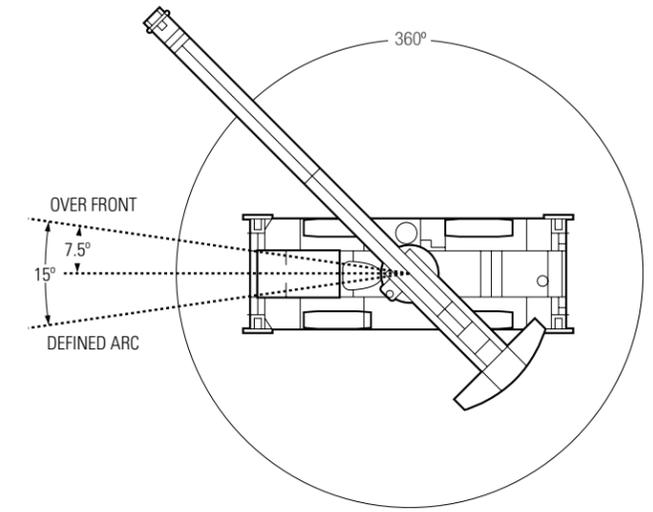


AREA OF OPERATION

On Outriggers



On Tires



REEVING DIAGRAM

1 Part Line	2 Part Line	3 Part Line	4 Part Line	5 Part Line	6 Part Line	WARNING
						<ul style="list-style-type: none"> • Anti-two block system must be in good operating condition before operating crane. • Refer to the owner's manual. • Keep at least 3 wraps of load line on the drum at all times.
10,000 lbs.	20,000 lbs.	30,000 lbs.	40,000 lbs.	50,000 lbs.	60,000 lbs.	

Deductions from rated loads for load handling devices supplied by Manitex

Hook & ball	232 lbs. (105 kg)
20 ft. (9.5 m) Stowed Jib	400 lbs. (181 kg)
20 ft. (9.5 m) Erect Jib	1,000 lbs. (454 kg)

WARNING: Lifting off the main boom point while the jib is erected is not intended or approved.