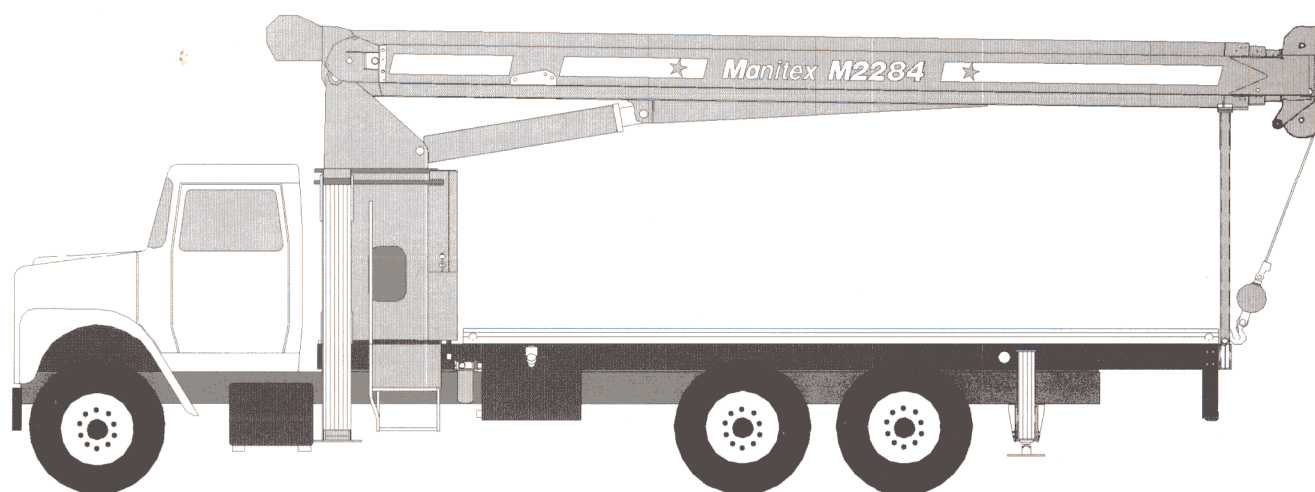




Millennium Series™ M2200

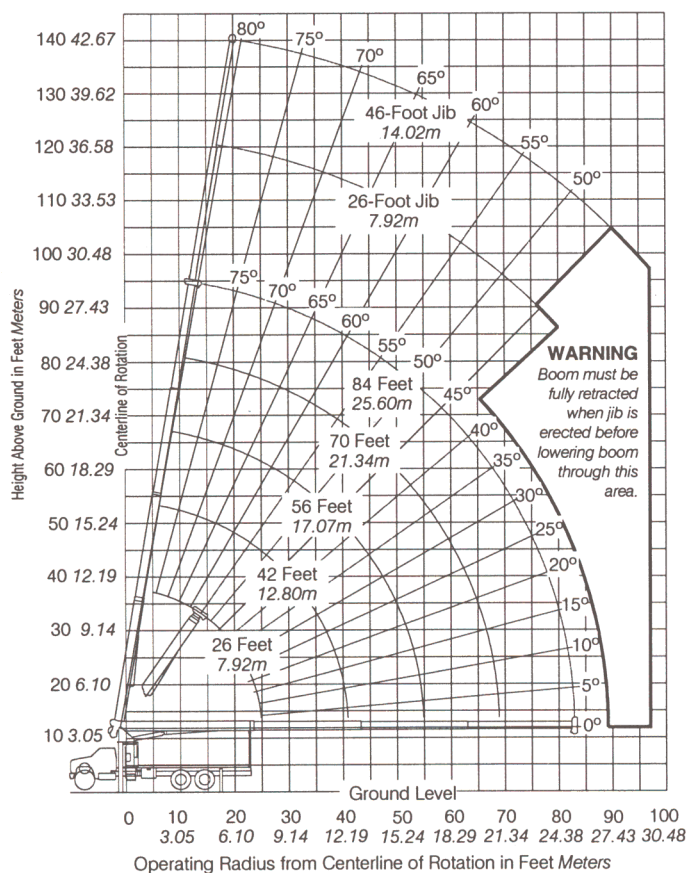
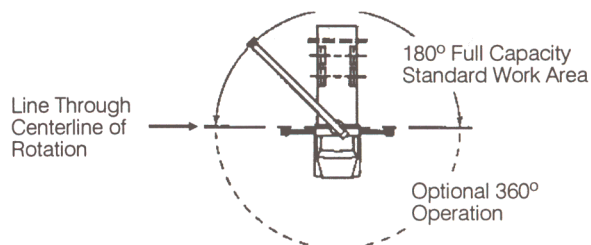
General Specifications



Model shown is M2284 with optional jib.

STANDARD EQUIPMENT

- **M2284** - 4-Section telescopic boom
26' to 84' (7.93m to 25.60m).
- **M2264** - 3-Section telescopic boom
26' to 64' (7.93m to 19.50m).
- 2-Speed planetary hoist.
- 5-ton (4.5mt) hook and ball.
- 3-Sheave boom point.
- Anti-two-block shutoff.
- Boom hoist cylinder.
- System pressure gauge.
- 70-Gallon (265-liter) hydraulic reservoir.
- Removable boom rest.
- Finish paint in Manitex colors.
- Engine Start/Stop.
- Operator/service/parts manuals.
- 300' (91.44m) of $\frac{9}{16}$ " (14.3mm) EIPS IWRC wire rope.
- 372° Non-continuous rotation.
- Pedestal, turret, rotation bearing and swing system.
- Dual operator control stations.
- Capacity-alert system - audio/visual warning.
- Audible outrigger/stabilizer motion alarm.
- Out-and-down rear stabilizers.
- A-frame link type outriggers.
- 3-Section vane type hydraulic pump.
- 20' (6.10m) Subframe.
- Signal horn.

**M2284 RANGE DIAGRAM****MODEL M2284****AREA OF OPERATION****ALLOWABLE LINE PULL**

1 PART LINE	2 PART LINE	3 PART LINE	4 PART LINE	5 PART LINE	6 PART LINE
8500 lb 3856 kg	17000 lb 7711 kg	25500 lb 11567 kg	34000 lb 15422 kg	42500 lb 19278 kg	44000 lb 19958 kg
7400 lb 3357 kg	14800 lb 6713 kg	22200 lb 10070 kg	29600 lb 13426 kg	37000 lb 16783 kg	44000 lb 19958 kg

WARNING

ANTI-TWO BLOCK SYSTEM MUST BE IN GOOD OPERATING CONDITION BEFORE OPERATING CRANE. REFER TO OWNER'S MANUAL.

KEEP AT LEAST 3 WRAPS OF LOAD ON DRUM AT ALL TIMES

9 1/16" (14.29mm) 6x25 WRC (3.5:1 SF), 29750 lb (13494 kg) Minimum breaking strength.

9 1/16" (14.29mm) Rotation resistant (5.0:1 SF), 37000 lb (16783 kg) Minimum breaking strength.

WEIGHTS

Total crane, including hydraulic fluid 19,200 lb 8,709 kg

26' (7.93m) Fixed-length jib 819 lb 372 kg

46' (14.02m) Telescopic jib 1,220 lb 553 kg

15-Ton (13.6-mt) Single-sheave block 263 lb 119 kg

25-Ton (22.7-mt) Triple-sheave block 380 lb 172 kg

Hanger sheave for 5- and 6-part line 38 lb 17 kg

20'4" (6.20m) Steel or wood bed 1,900 lb 862 kg

DEDUCTIONS

Hanger Sheave 50 lb 23 kg

Overhaul Ball 120 lb 54 kg

Single-Sheave Load Block 260 lb 118 kg

Double-Sheave Load Block 350 lb 159 kg

Triple-Sheave Load Block 380 lb 172 kg

Hose Reel 140 lb 64 kg

Swing-Around Jib See Load Rating Chart

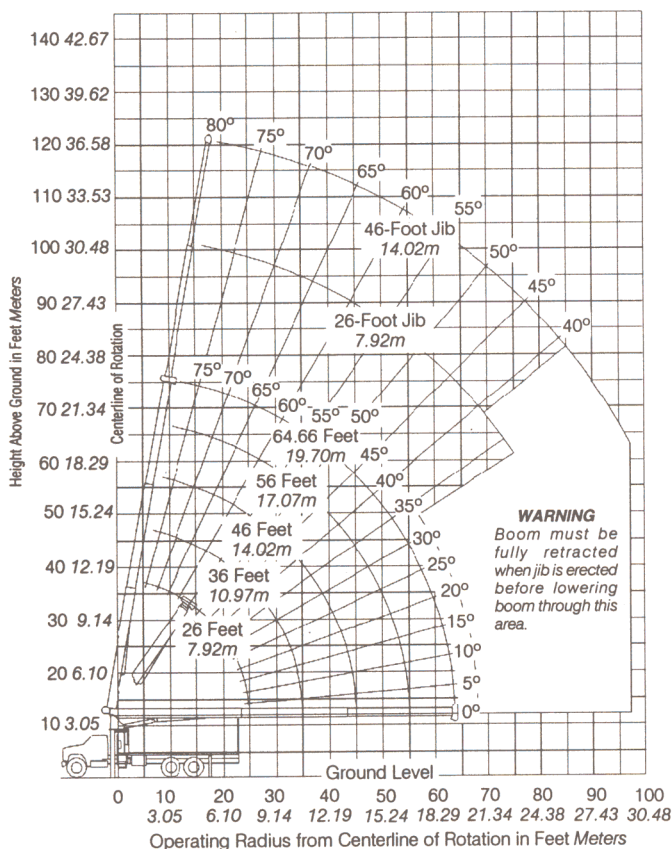
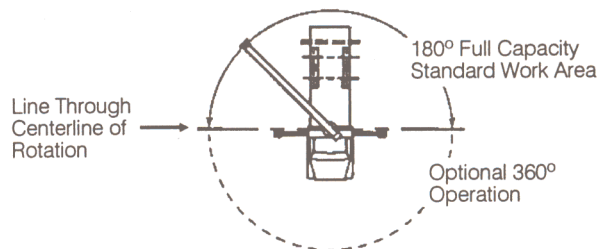
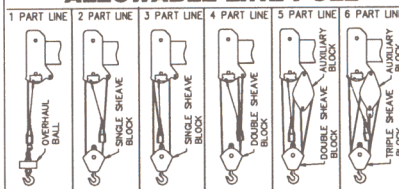
WARNING Lifting off the main boom point while the swing-around jib is erected is not intended or approved.

Outriggers and stabilizers fully extended and machine level.

M2284 LOAD RATING CHART

Meets ANSI B30.5 Requirements.

Operating Radius		BOOM LOAD RATINGS										JIB LOAD RATINGS					
		26 Feet 7.92 Meters		42 Feet 12.80 Meters		56 Feet 17.07 Meters		70 Feet 21.34 Meters		84 Feet 25.60 Meters		26 Foot 7.92 Meters		46 Foot 14.02 Meters			
Feet	Meters	∠	lb kg	∠	lb kg	∠	lb kg	∠	lb kg	∠	lb kg	∠	lb kg	∠	lb kg	∠	lb kg
4	1.22	80°	44,000 19,958														
6	1.83	77°	34,600 15,694														
8	2.44	72°	27,800 12,610														
10	3.05	67°	23,350 10,591	77°	20,000 9,072												
12	3.66	62°	20,200 9,163	74°	17,860 8,101	79°	16,400 7,439										
14	4.27	57°	17,780 8,065	71°	15,660 7,103	76°	14,400 6,532	80°	13,320 6,042								
16	4.88	51°	15,870 7,199	68°	13,930 6,319	74°	12,780 5,797	78°	11,770 5,339								
20	6.10	38°	12,800 5,806	62°	11,400 5,171	70°	10,400 4,717	75°	9,570 4,341	78°	8,900 4,037						
25	7.62			54°	9,230 4,187	64°	8,400 3,810	70°	7,710 3,497	74°	7,180 3,257	79°	4,510 2,046				
30	9.14			44°	7,630 3,461	58°	7,000 3,175	66°	6,410 2,908	71°	5,910 2,681	76°	3,890 1,764	79°	3,100 1,406		
35	10.67			33°	6,260 2,839	52°	5,910 2,681	61°	5,410 2,454	67°	4,980 2,259	74°	3,350 1,520	77°	2,800 1,270		
40	12.19			14°	4,500 2,041	45°	5,040 2,286	56°	4,630 2,100	63°	4,260 1,932	71°	2,900 1,315	75°	2,520 1,143		
45	13.72					37°	4,260 1,932	51°	4,000 1,814	59°	3,670 1,665	68°	2,500 1,134	72°	2,240 1,016		
50	15.24					26°	3,470 1,574	45°	3,460 1,569	55°	3,190 1,447	65°	2,170 984	70°	1,980 898		
55	16.76							39°	2,960 1,343	51°	2,770 1,256	62°	1,870 848	67°	1,750 794		
60	18.29			This capacity chart is for reference only and must not be used for a specific serial number crane.				31°	2,430 1,102	46°	2,390 1,084	59°	1,520 689	65°	1,550 703		
65	19.81							21°	1,920 871	41°	2,010 912	56°	1,240 562	63°	1,370 621		
70	21.34									35°	1,620 735	52°	980 445	60°	1,210 549		
75	22.86									27°	1,300 590	49°	760 345	57°	1,050 476		
80	24.38									19°	990 449	45°	570 259	54°	850 386		
85	25.91													51°	680 308		
90	27.43													48°	520 236		
7300015-004		650	295	400	181	300	136	250	113	200	91	Deductions for stowed jib					

**M2264 RANGE DIAGRAM****MODEL M2264****AREA OF OPERATION****ALLOWABLE LINE PULL**

8500 lb 3856 kg	17000 lb 7711 kg	25500 lb 11567 kg	34000 lb 15422 kg	42500 lb 19278 kg	44000 lb 19958 kg
7400 lb 3357 kg	14800 lb 6713 kg	22200 lb 10070 kg	29600 lb 13426 kg	37000 lb 16783 kg	44000 lb 19958 kg

WARNING

ANTI-TWO BLOCK SYSTEM MUST BE IN GOOD OPERATING CONDITION BEFORE OPERATING CRANE. REFER TO OWNER'S MANUAL.

KEEP AT LEAST 3 WRAPS OF LOAD ON DRUM AT ALL TIMES

WEIGHTS

Total crane, including hydraulic fluid	18,070 lb	8,196 kg
26' (7.93m) Fixed-length jib	819 lb	372 kg
46' (14.02m) Telescopic jib	1,220 lb	553 kg
15-Ton (13.6-mt) Single-sheave block	263 lb	119 kg
25-Ton (22.7-mt) Triple-sheave block	380 lb	172 kg
Hanger sheave for 5- and 6-part line	38 lb	17 kg
20'4" (6.20m) Steel or wood bed	1,900 lb	862 kg

DEDUCTIONS

Hanger Sheave	50 lb	23 kg
Overhaul Ball	120 lb	54 kg
Single-Sheave Load Block	260 lb	118 kg
Double-Sheave Load Block	350 lb	159 kg
Triple-Sheave Load Block	380 lb	172 kg

Hose Reel	140 lb	64 kg
Swing-Around Jib	See Load Rating Chart	

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

Outriggers and stabilizers fully extended and machine level.

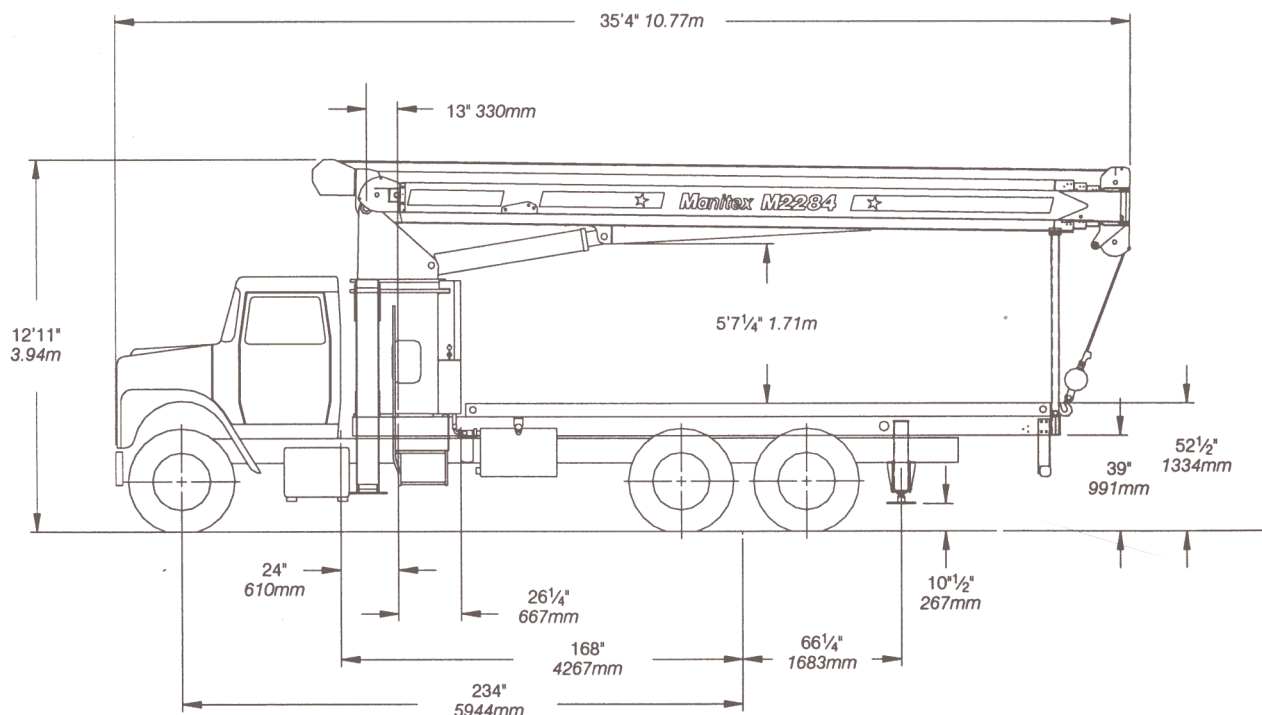
M2264 LOAD RATING CHART

Meets ANSI B30.5 Requirements.

BOOM LOAD RATINGS														JIB LOAD RATINGS									
Operating Radius		26 Feet 7.92 Meters			36 Feet 12.80 Meters			46 Feet 14.02 Meters			56 Feet 17.07 Meters			64.66 Feet 19.71 Meters			26 Foot 7.92 Meters			46 Foot 14.02 Meters			
Feet	Meters	∠	lb	kg	∠	lb	kg	∠	lb	kg	∠	lb	kg	∠	lb	kg	∠	lb	kg	∠	lb	kg	
4	1.22	80°	44,000	19,958																			
6	1.83	77°	35,200	15,966																			
8	2.44	72°	28,400	12,882	77°	26,500	12,020																
10	3.05	67°	23,900	10,841	74°	22,100	10,024	78°	20,800	9,435													
12	3.66	62°	20,800	9,435	71°	19,100	8,664	75°	17,850	8,097	79°	16,880	7,657	80°	16,200	7,348							
14	4.27	57°	18,300	8,301	67°	16,800	7,620	73°	15,700	7,121	76°	14,850	6,736	79°	14,070	6,382							
16	4.88	51°	16,450	7,462	64°	15,060	6,831	70°	14,000	6,350	74°	13,210	5,992	77°	12,540	5,688	80°	5,500	2,495				
20	6.10	38°	13,380	6,069	56°	12,440	5,643	65°	11,530	5,230	70°	10,830	4,912	73°	10,320	4,681	78°	4,450	2,018	80°	3,100	1,406	
25	7.62				46°	10,130	4,595	57°	9,440	4,282	64°	8,830	4,005	68°	8,440	3,828	75°	3,620	1,642	78°	2,510	1,139	
30	9.14				32°	8,260	3,747	49°	7,930	3,597	58°	7,420	3,366	63°	7,040	3,193	71°	3,050	1,383	75°	2,110	957	
35	10.67							40°	6,720	3,048	52°	6,370	2,889	58°	6,030	2,735	68°	2,640	1,116	72°	1,830	830	
40	12.19							29°	5,580	2,531	45°	5,500	2,495	53°	5,230	2,372	65°	2,340	1,061	70°	1,610	730	
45	13.72										37°	4,720	2,141	47°	4,560	2,068	61°	2,090	948	67°	1,440	653	
50	15.24										26°	3,940	1,787	40°	3,980	1,805	57°	1,890	857	64°	1,300	590	
55	16.76				This capacity chart is for reference only and must not be used for a specific serial number crane.									32°	3,410	1,547	54°	1,730	785	61°	1,190	540	
60	18.29														21°	2,760	1,252	49°	1,590	721	58°	1,090	494
65	19.81																	45°	1,450	658	55°	1,010	458
70	21.34																	40°	1,350	612	52°	940	426
75	22.86																	35°	1,250	567	48°	850	386
80	24.38	Main boom load ratings are based on machine structural competence and do not exceed 85% of tipping.																		45°	800	363	
85	25.91	Do not operate crane or accessories within 10 feet, 3.05 meters, of live power lines.																		41°	750	340	
7300015-005			650	295		470	213		370	168		300	136		260	118	Deductions for stowed jib						



M2200 SERIES OUTLINE DIMENSIONS



These dimensions are general, not for Engineering. Some dimensions depend on truck selection. Dimensions shown on this page apply to both the M2284 and the M2264 models.

TRUCK CHASSIS DATA

Minimum Requirements for M2200 Series

Some configurations and options may increase requirements.

Wheelbase	234 In.	5,944mm
Cab to Axle	168 In.	4,267mm
Frame Section Modulus	110,000 psj	758,450 kPa
	20.0 In ³	328cc
Nominal Frame Width	34 In.	864mm
Front Axle Gross Weight Rating	14,000 lb	6,350 kg
Rear Axle Gross Weight Rating	38,000 lb	17,237 kg

M2200 Series

