



Load Rating Chart

Model 50110S



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NOTE: Additional copies of this Load Rating Chart can be purchased from your Manitex Distributor. When ordering, use the part number shown in the bottom left corner of this page.

**LMI OPERATING CODES**

CODE	CRANE CONFIGURATION	OUTRIGGER CONFIGURATION	AREA OF OPERATION
#1—	MAIN BOOM — — — — —	FULLY EXTENDED — — — — —	OVER REAR
#3—	MAIN BOOM — — — — —	FULLY EXTENDED — — — — —	FULL 360°
#4—	MAIN BOOM — — — — —	MID POSITION — — — — —	FULL 360°
#5—	MAIN BOOM — — — — —	RETRACTED — — — — —	FULL 360°
#6—	MAIN BOOM — — — — —	ON TIRES — — — — —	DIRECTLY OVER REAR
#7—	RETRACTED JIB 0° OFFSET — — — — —	FULLY EXTENDED — — — — —	OVER REAR
#8—	RETRACTED JIB 0° OFFSET — — — — —	FULLY EXTENDED — — — — —	FULL 360°
#9—	RETRACTED JIB 15° OFFSET — — — — —	FULLY EXTENDED — — — — —	OVER REAR
#10—	RETRACTED JIB 15° OFFSET — — — — —	FULLY EXTENDED — — — — —	FULL 360°
#11—	RETRACTED JIB 30° OFFSET — — — — —	FULLY EXTENDED — — — — —	OVER REAR
#12—	RETRACTED JIB 30° OFFSET — — — — —	FULLY EXTENDED — — — — —	FULL 360°
#13—	EXTENDED JIB 0° OFFSET — — — — —	FULLY EXTENDED — — — — —	OVER REAR
#14—	EXTENDED JIB 0° OFFSET — — — — —	FULLY EXTENDED — — — — —	FULL 360°
#15—	EXTENDED JIB 15° OFFSET — — — — —	FULLY EXTENDED — — — — —	OVER REAR
#16—	EXTENDED JIB 15° OFFSET — — — — —	FULLY EXTENDED — — — — —	FULL 360°
#17—	EXTENDED JIB 30° OFFSET — — — — —	FULLY EXTENDED — — — — —	OVER REAR
#18—	EXTENDED JIB 30° OFFSET — — — — —	FULLY EXTENDED — — — — —	FULL 360°
#19—	RETRACTED JIB 0° OFFSET — — — — —	MID POSITION — — — — —	FULL 360°
#20—	RETRACTED JIB 15° OFFSET — — — — —	MID POSITION — — — — —	FULL 360°
#21—	RETRACTED JIB 30° OFFSET — — — — —	MID POSITION — — — — —	FULL 360°
#22—	EXTENDED JIB 0° OFFSET — — — — —	MID POSITION — — — — —	FULL 360°
#23—	EXTENDED JIB 15° OFFSET — — — — —	MID POSITION — — — — —	FULL 360°
#24—	EXTENDED JIB 30° OFFSET — — — — —	MID POSITION — — — — —	FULL 360°
#25—	PERSONNEL LIFTING MAIN BOOM — — — — —	FULLY EXTENDED — — — — —	FULL 360°
#26—	PERSONNEL LIFTING RETR JIB 0° OFFSET — — — — —	FULLY EXTENDED — — — — —	FULL 360°
#27—	PERSONNEL LIFTING RETR JIB 15° OFFSET — — — — —	FULLY EXTENDED — — — — —	FULL 360°
#28—	PERSONNEL LIFTING RETR JIB 30° OFFSET — — — — —	FULLY EXTENDED — — — — —	FULL 360°
#29—	PERSONNEL LIFTING EXTENDED JIB 0° OFFSET — — — — —	FULLY EXTENDED — — — — —	FULL 360°
#30—	PERSONNEL LIFTING EXTENDED JIB 15° OFFSET — — — — —	FULLY EXTENDED — — — — —	FULL 360°
#31—	PERSONNEL LIFTING EXTENDED JIB 30° OFFSET — — — — —	FULLY EXTENDED — — — — —	FULL 360°

WARNING

1. THE OPERATOR MUST READ AND UNDERSTAND THE OWNER'S MANUAL BEFORE OPERATING THIS CRANE.
2. POSITIONING OR OPERATION OF CRANE BEYOND AREAS SHOWN ON THIS CHART IS NOT INTENDED OR APPROVED EXCEPT WHERE SPECIFIED IN OWNER'S MANUAL.
3. LOADED BOOM ANGLES AT SPECIFIED BOOM LENGTHS GIVE ONLY AN APPROXIMATION OF THE OPERATING RADIUS. THE BOOM ANGLE BEFORE LOADING SHOULD BE GREATER TO ACCOUNT FOR DEFLECTIONS. DO NOT EXCEED THE OPERATING RADIUS FOR RATED LOADS.
4. THE OPERATING RADIUS SHOWN IN THE JIB RATING CHART IS FOR FULLY EXTENDED BOOM ONLY. WHEN BOOM IS NOT FULLY EXTENDED, USE ONLY LOADED BOOM ANGLE TO DETERMINE LOAD RATING OF JIB.
5. FOR BOOM ANGLES NOT SHOWN ON JIB LOAD RATING CHART, USE RATING OF NEXT LOWER BOOM ANGLE.



WARNING (CONTINUED)

6. FOR BOOM LENGTHS NOT SHOWN, USE RATING OF NEXT SHORTER OR LONGER BOOM LENGTH, WHICHEVER IS LESS. FOR RADII NOT SHOWN, USE RATING OF NEXT LONGER RADIUS.
7. CRANE LOAD RATINGS ON OUTRIGGERS ARE BASED ON FREELY SUSPENDED LOADS WITH THE MACHINE LEVELED AND STANDING ON A FIRM UNIFORM SUPPORTING SURFACE. NO ATTEMPT SHALL BE MADE TO MOVE A LOAD HORIZONTALLY ON THE GROUND IN ANY DIRECTION.
8. PRACTICAL WORKING LOADS DEPEND ON SUPPORTING SURFACE, WIND, AND OTHER FACTORS AFFECTING STABILITY SUCH AS HAZARDOUS SURROUNDINGS, EXPERIENCE OF PERSONNEL, AND PROPER HANDLING, ALL OF WHICH MUST BE TAKEN INTO ACCOUNT BY THE OPERATOR.
9. THE MAXIMUM LOAD WHICH MAY BE TELESKOPED IS LIMITED BY HYDRAULIC PRESSURE, BOOM ANGLE, AND BOOM LUBRICATION. IT IS SAFE TO ATTEMPT TO TELESCOPE ANY LOAD WITHIN THE LIMITS OF THE LOAD RATING CHART.

INFORMATION

1. DEDUCTIONS MUST BE MADE FROM RATED LOADS FOR STOWED JIB, OPTIONAL ATTACHMENTS, HOOKS, AND LOADBLOCKS (SEE DEDUCTION CHART). WEIGHTS OF SLINGS AND ALL OTHER LOAD HANDLING DEVICES SHALL BE CONSIDERED A PART OF THE LOAD.
2. LOAD RATINGS ABOVE THE HEAVY LINE ARE STRUCTURALLY LIMITED CAPACITIES. LOAD RATINGS BELOW THE HEAVY LINE ARE STABILITY LIMITED CAPACITIES AND DO NOT EXCEED 85% OF TIPPING.

DEFINITIONS

1. OPERATING RADIUS IS THE HORIZONTAL DISTANCE FROM THE AXIS OF ROTATION TO THE CENTER OF THE VERTICAL HOIST LINE OR TACKLE WITH LOAD APPLIED.
2. LOADED BOOM ANGLE IS THE INCLUDED ANGLE BETWEEN THE HORIZONTAL AND LONGITUDINAL AXES OF THE BOOM BASE AFTER LIFTING RATED LOAD AT RATED RADIUS.

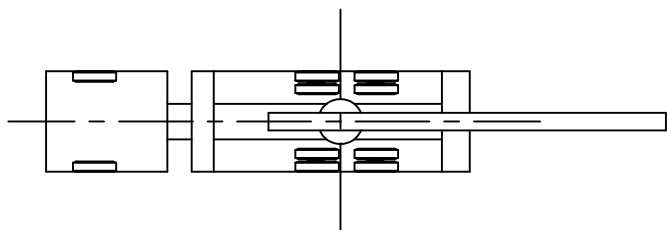


ALLOWABLE LINE PULL										WARNING
1 PART LINE	2 PART LINE	3 PART LINE	4 PART LINE	5 PART LINE	6 PART LINE	7 PART LINE	8 PART LINE	9 PART LINE	10 PART LINE	
10000 LBS	20000 LBS	30000 LBS	40000 LBS	50000 LBS	60000 LBS	70000 LBS	80000 LBS	90000 LBS	100000 LBS	
										ANTI-TWO-BLOCK SYSTEM MUST BE 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.
										5/8" 6 X 19 CLASS (3.5:1 SF) 35,000 LBS MIN BREAKING STRENGTH 5/8" ROT RESISTANT (5:1 SF) 50,000 LBS MIN BREAKING STRENGTH

AREA OF OPERATIONS

ON TIRES

WHEN LIFTING ON TIRES, THE BOOM MUST BE CENTERED OVER THE REAR OF THE CRANE WITH THE SWING BRAKE AND THE HOUSELOCK ENGAGED.

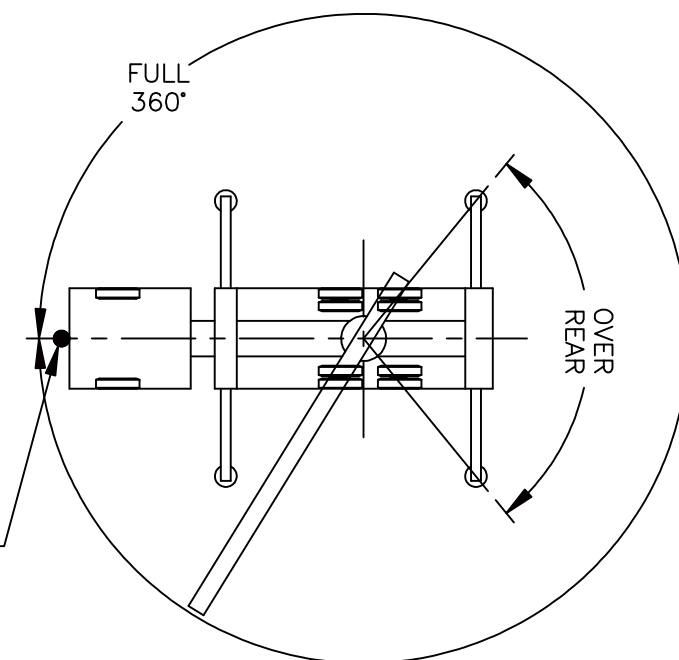


IF SUPPLIED THE FRONT BUMPER STABILIZER MUST BE SET IN ACCORDANCE TO THE OPERATORS MANUAL BEFORE WORKING IN THE "FULL 360°" AREA

IF A FRONT BUMPER STABILIZER WAS NOT SUPPLIED THEN THE FRONT TIRES MUST BE IN CONTACT WITH THE GROUND BEFORE WORKING IN THE "FULL 360°" AREA

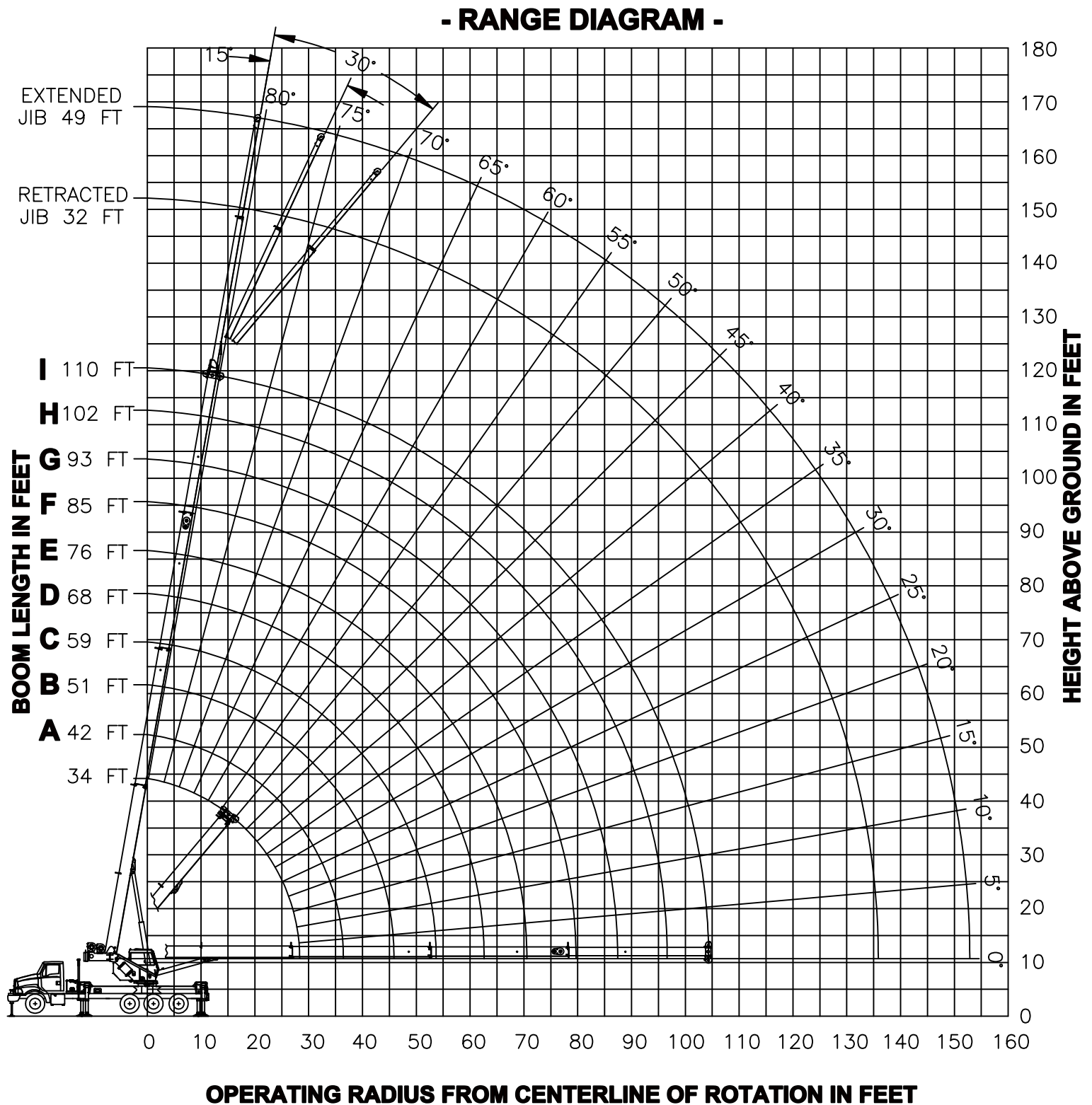
ON OUTRIGGERS

FULL 360°



DEDUCTIONS FROM RATED LOADS FOR LOAD HANDLING DEVICES SUPPLIED BY MANITEX

AUXILIARY BLOCK	-----	50 LBS
ROOSTER SHEAVE	-----	70 LBS
LIFTING FROM MAIN BOOM WITH JIB STOWED OR ERECTED	-----	SEE LOAD CHART
OVERHAUL BALL	-----	SEE MANUFACTURER NAMEPLATE
LOAD BLOCK	-----	SEE MANUFACTURER NAMEPLATE

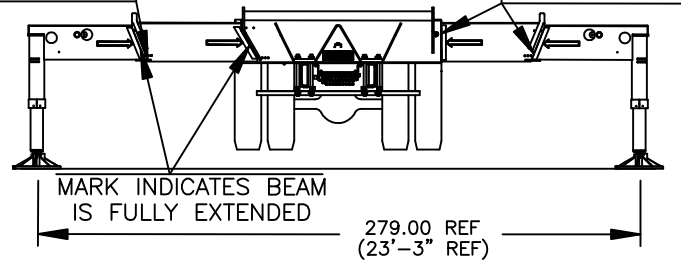




**USE THIS CHART ONLY
WHEN ALL OUTRIGGER
BEAMS ARE FULLY
EXTENDED**

PINS MUST BE
DISENGAGED FOR
THIS OUTRIGGER
CONFIGURATION

OUTRIGGER
BEAMS MUST
BE EXTENDED
TO MARK



MAIN BOOM LIFTING CAPACITIES

LOAD RADIUS (FT)	BOOM LENGTH 34 FT			BOOM LENGTH 42 FT (A)			BOOM LENGTH 51 FT (B)			BOOM LENGTH 59 FT (C)			BOOM LENGTH 68 FT (D)			LOAD RADIUS (FT)
	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 3 FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 3 FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 3 FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 3 FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 3 FULL 360° (LBS)	
6	71	100000	100000													6
8	67.5	88500	88500	72	51000	51000	75.5	51000	51000	78	51000	51000				8
10	63.5	78200	78200	69	51000	51000	73.5	51000	51000	76	51000	51000	78	47380	47380	10
12	60	70200	70200	66	51000	51000	71	51000	51000	74	51000	51000	76.5	45140	45140	12
15	53.5	60600	60600	61.5	51000	51000	67.5	51000	51000	71	49770	49770	74	42140	42140	15
20	42	46200	46200	53.5	46700	46700	61	46400	46400	65.5	44310	44310	69.5	37820	37820	20
25	26.5	35800	35800	44	36300	36300	54.5	36700	36700	60	36900	36900	65	32530	32530	25
30				33	29340	25770	47	29720	26320	54.5	29930	26640	60	28560	26900	30
35				15.5	22960	18990	38.5	23490	19560	48	23770	19860	55	23990	20100	35
40							27.5	18680	15160	40.5	18960	15460	49.5	19180	15690	40
45							7	15170	12010	32	15510	12370	43.5	15730	12600	45
50										20.5	12910	10060	37	13140	10310	50
55													28.5	11110	8530	55
60													16.5	9470	7100	60
STOWED JIB		1150 LBS		930 LBS		770 LBS		670 LBS		580 LBS						
ERECTED JIB (RETRACTED)		2940 LBS		2770 LBS		2640 LBS		2560 LBS		2490 LBS						
ERECTED JIB (EXTENDED)		3320 LBS		3080 LBS		2890 LBS		2780 LBS		2680 LBS						

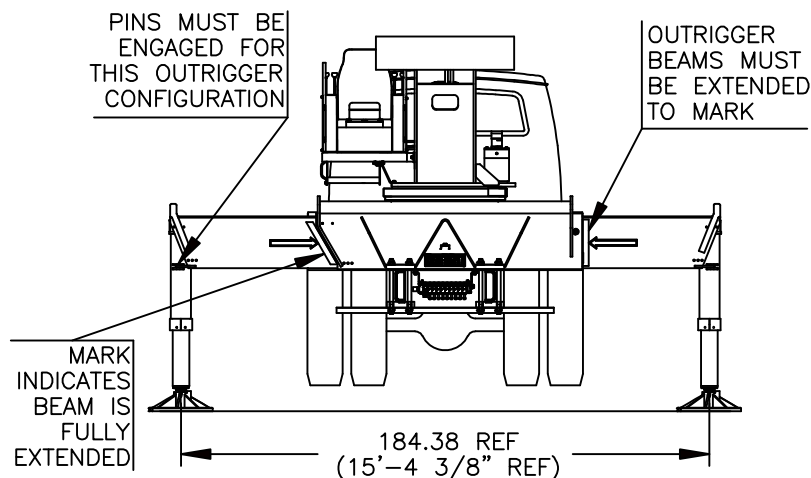
DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES

LOAD RADIUS (FT)	BOOM LENGTH 76 FT			BOOM LENGTH 85 FT (A)			BOOM LENGTH 93 FT (B)			BOOM LENGTH 102 FT (C)			BOOM LENGTH 110 FT (D)			LOAD RADIUS (FT)
	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 3 FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 3 FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 3 FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 3 FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	CODE 1 OVER REAR (LBS)	CODE 3 FULL 360° (LBS)	
12	78.5	39530	39530													12
15	76	37080	37080	78	30830	30830										15
20	72	31860	31860	74.5	26790	26790	76.5	24480	24480	78	21860	21860				20
25	68	27740	27740	71	23230	23230	73	21500	21500	75	19820	19820	76.5	15500	15500	25
30	64	24220	24220	67.5	20390	20390	70	19210	19210	72.5	17730	17730	74	15500	15500	30
35	59.5	21390	20260	63.5	18270	18270	66.5	17050	17050	69.5	15830	15830	71.5	14660	14660	35
40	55	19300	15840	60	16260	15980	63	15260	15260	66.5	14210	14210	68.5	13320	13320	40
45	50	15870	12750	55.5	14570	12870	59.5	13700	12960	63	12810	12810	66	12080	12080	45
50	45	13280	10450	51.5	13130	10580	56	12370	10660	60	11600	10740	63	10970	10800	50
55	39	11260	8680	47	11380	8810	52	11220	8890	56.5	10530	8970	59.5	10000	9020	55
60	32	9640	7270	41.5	9760	7400	47.5	9840	7490	53	9840	7560	56.5	9330	7610	60
65	23.5	8300	6120	36	8430	6250	43	8510	6340	49	8590	6410	53.5	8530	6470	65
70	7	7150	5130	29.5	7320	5300	38	7410	5390	45	7480	5460	50	7530	5520	70
75				20.5	6370	4480	32.5	6470	4580	40.5	6540	4660	46	6590	4710	75
80							25.5	5650	3890	36	5740	3970	42	5790	4030	80
85							15	4940	3280	30	5030	3380	37.5	5090	3430	85
90										23	4420	2850	33	4480	2910	90
95										12	3860	2370	27	3930	2450	95
100													19	3440	2040	100
STOWED JIB		520 LBS		460 LBS		420 LBS		390 LBS		360 LBS						
ERECTED JIB (RETRACTED)		2440 LBS		2400 LBS		2370 LBS		2340 LBS		2320 LBS						
ERECTED JIB (EXTENDED)		2610 LBS		2550 LBS		2510 LBS		2460 LBS		2430 LBS						

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES



**USE THIS CHART ONLY
WHEN ALL OUTRIGGER
BEAMS ARE IN THE MID
POSITION**

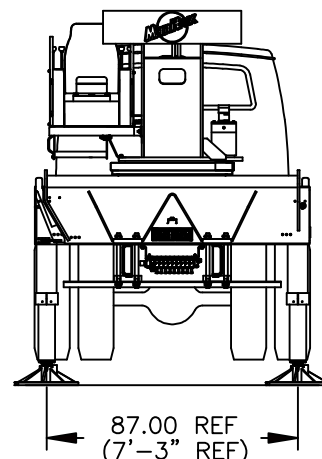


MAIN BOOM LIFTING CAPACITIES

LMI OPERATING CODE 4																						
RAD (FT)	BOOM LENGTH																				RAD (FT)	
	34 FT		42 FT		51 FT		59 FT		68 FT		76 FT		85 FT		93 FT		102 FT		110 FT			
	BOOM ANGLE (DEG)	FULL 360° (LBS)	BOOM ANGLE (DEG)	FULL 360° (LBS)	BOOM ANGLE (DEG)	FULL 360° (LBS)	BOOM ANGLE (DEG)	FULL 360° (LBS)	BOOM ANGLE (DEG)	FULL 360° (LBS)	BOOM ANGLE (DEG)	FULL 360° (LBS)	BOOM ANGLE (DEG)	FULL 360° (LBS)	BOOM ANGLE (DEG)	FULL 360° (LBS)	BOOM ANGLE (DEG)	FULL 360° (LBS)	BOOM ANGLE (DEG)	FULL 360° (LBS)		
6	71	100000																			6	
8	67.5	88500	72	51000	75.5	51000	78	51000													8	
10	63.5	78200	69	51000	73.5	51000	76	51000	78	47380											10	
12	60	70200	66	51000	71	51000	74	51000	76.5	45140	78.5	39530									12	
15	53.5	46430	61.5	47350	67.5	48010	71	48430	74	42140	76	37080	78	30830							15	
20	42	25140	53.5	25850	61	26360	65.5	26680	69.5	26940	72	27120	74.5	26790	76.5	24480	78	21860			20	
25	26.5	16070	44	16750	54.5	17200	60	17480	65	17700	68	17860	71	17990	73	18090	75	18190	76.5	15500	25	
30			33	11690	47	12130	54.5	12390	60	12600	64	12740	67.5	12860	70	12950	72.5	13040	74	13100	30	
35			15.5	8430	38.5	8910	48	9160	55	9360	59.5	9490	63.5	9610	66.5	9690	69.5	9770	71.5	9830	35	
40					27.5	6660	40.5	6920	49.5	7120	55	7250	60	7360	63	7440	66.5	7510	68.5	7560	40	
45					7	4950	32	5270	43.5	5470	50	5600	55.5	5710	59.5	5790	63	5860	66	5910	45	
50							20.5	3990	37	4210	45	4340	51.5	4450	56	4520	60	4590	63	4640	50	
55									28.5	3210	39	3340	47	3450	52	3530	56.5	3590	59.5	3640	55	
60									16.5	2370	32	2530	41.5	2640	47.5	2720	53	2790	56.5	2830	60	
65											23.5	1850	36	1970	43	2050	49	2120	53.5	2160	65	
70											7	1250	29.5	1400	38	1480	45	1550	50	1600	70	
75													20.5	910	32.5	1000	40.5	1070	46	1120	75	
80																					80	
85																					85	
90																					90	
95																					95	
STOWED		1150	930		770		670		580		520		460		420		390		360			
ERECTED RETRACTED		2940	2770		2640		2560		2490		2440		2400		2370		2340		2320			
ERECTED EXTENDED		3320	3080		2890		2780		2680		2610		2550		2510		2460		2430			
DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES (LBS)																						



**USE THIS CHART WHEN ALL
OUTRIGGER BEAMS ARE NOT IN
EITHER THE MID OR FULLY
EXTENDED POSITION**



MAIN BOOM LIFTING CAPACITIES

LMI OPERATING CODE 5																				
RAD (FT)	BOOM LENGTH																			
	34 FT		42 FT		51 FT		59 FT		68 FT		76 FT		85 FT		93 FT		102 FT		110 FT	
	BOOM ANGLE (DEG)	FULL 360° (LBS)	BOOM ANGLE (DEG)	FULL 360° (LBS)	BOOM ANGLE (DEG)	FULL 360° (LBS)	BOOM ANGLE (DEG)	FULL 360° (LBS)	BOOM ANGLE (DEG)	FULL 360° (LBS)	BOOM ANGLE (DEG)	FULL 360° (LBS)	BOOM ANGLE (DEG)	FULL 360° (LBS)	BOOM ANGLE (DEG)	FULL 360° (LBS)	BOOM ANGLE (DEG)	FULL 360° (LBS)	BOOM ANGLE (DEG)	FULL 360° (LBS)
6	71	86900																		6
8	67.5	44510	72	45450	75.5	46160	78	46610												8
10	63.5	28710	69	29470	73.5	30020	76	30380	78	30680										10
12	60	20450	66	21110	71	21590	74	21900	76.5	22160	78.5	22330								12
15	53.5	13490	61.5	14080	67.5	14500	71	14770	74	14990	76	15140	78	15280						15
20	42	7530	53.5	8070	61	8450	65.5	8680	69.5	8870	72	9000	74.5	9120	76.5	9210	78	9290		20
25	26.5	4300	44	4580	54.5	5220	60	5440	65	5620	68	5740	71	5840	73	5920	75	5990	76.5	6040
30			33	2830	47	3200	54.5	3420	60	3590	64	3700	67.5	3810	70	3880	72.5	3940	74	3990
35			15.5	1400	38.5	1820	48	2030	55	2200	59.5	2320	63.5	2420	66.5	2480	69.5	2550	71.5	2590
40							40.5	1020	49.5	1200	55	1310	60	1410	63	1470	66.5	1530	68.5	1580
STOWED		1150		930		770		670		580		520		460		420		390		360
ERECTED RETRACTED		2940		2770		2640		2560		2490		2440		2400		2370		2340		2320
ERECTED EXTENDED		3320		3080		2890		2780		2680		2610		2550		2510		2460		2430

DEDUCTIONS FOR JIB FROM MAIN BOOM CAPACITIES (LBS)

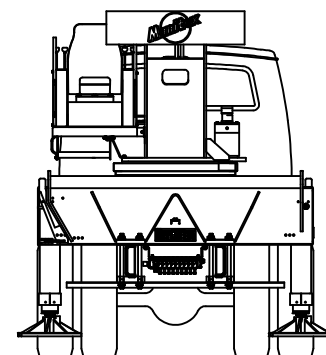
WARNINGS

1. THE JIB MUST BE IN THE STOWED POSITION, IF SO EQUIPPED, WHEN USING THIS OUTRIGGER CONFIGURATION.

**USE THIS CHART
WHEN PICKING
LOADS ON TIRES**

ON TIRE CAPACITIES

WARNINGS

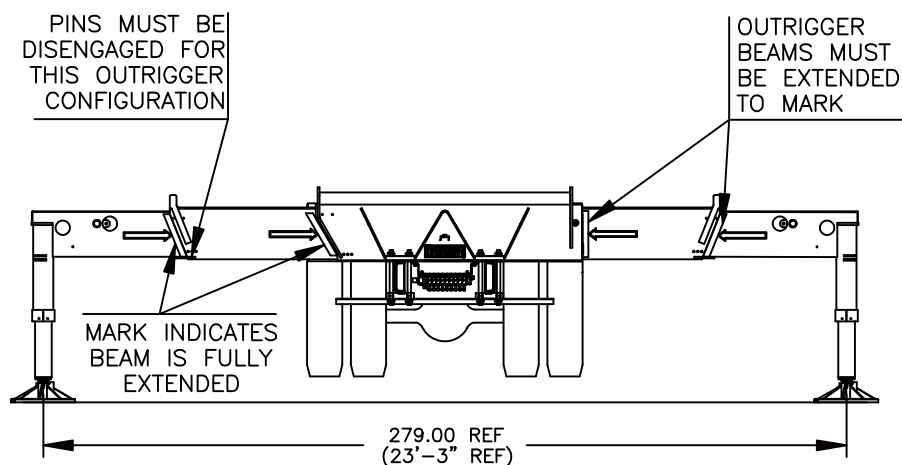


LMI CODE 6			
LOAD RADIUS (FT)	MAX BOOM LENGTH (FT)	BOOM DIRECTLY OVER REAR (LBS)	STOWED JIB DEDUCTION (LBS)
10	34	10000	1150
12	34	9000	1150
15	34	7600	1150
20	34	4650	1150
25	42 (A)	2800	930
30	51 (B)	1550	770

1. CRANE LOAD RATINGS ON TIRES ARE BASED ON THE CRANE BEING LEVEL AND TRAVELING ON A FIRM UNIFORM SURFACE (BLACK TOP, CONCRETE OR SIMILAR SURFACE).
2. TIRES MUST BE INFLATED TO 120 PSI FOR PICKING ON TIRES. CONSULT TRUCK MANUAL FOR PROPER INFLATION PROCEDURE.
3. THE JIB MUST BE IN THE STOWED POSITION, IF SO EQUIPPED, WHEN PICKING ON TIRES.
4. WHEN LIFTING ON TIRES, THE BOOM MUST BE CENTERED OVER THE REAR OF THE CRANE WITH THE SWING BRAKE AND THE HOUSELOCK ENGAGED.
5. KEEP THE LOAD CLOSE TO THE GROUND AND RESTRAINED FROM SWINGING.
6. WHEN THE RADIUS IS BETWEEN LISTED VALUES, USE THE SMALLER OF THE TWO LOAD RATINGS.
7. DO NOT OPERATE AT LONGER RADII THAN THOSE LISTED ON THE LOAD CHART.



**USE THIS CHART ONLY
WHEN ALL OUTRIGGER
BEAMS ARE FULLY
EXTENDED**

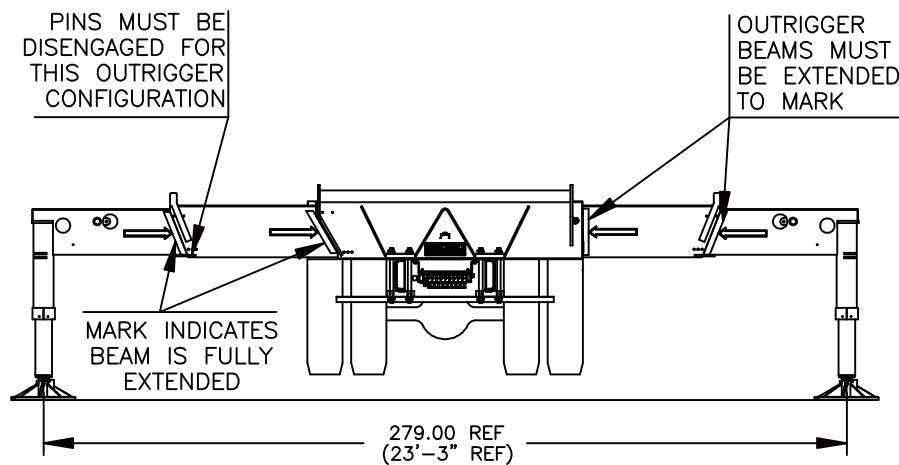


32 FT RETRACTED JIB LIFTING CAPACITIES

LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	0' OFFSET		15' OFFSET			30' OFFSET		
		CODE 7	CODE 8	LOADED BOOM ANGLE (DEG)	CODE 9	CODE 10	LOADED BOOM ANGLE (DEG)	CODE 11	CODE 12
		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)		OVER REAR (LBS)	FULL 360° (LBS)
35	76.5	7300	7300						
40	74.5	7300	7300						
45	72.5	7300	7300	76	6500	6500			
50	70.5	7300	7300	73.5	6500	6500	76	5800	5800
55	68.5	6980	6980	71.5	6500	6500	74	5800	5800
60	66.5	6600	6600	69.5	6120	6120	72	5750	5750
65	64	6230	6230	67	5780	5780	69.5	5450	5450
70	62	5870	5330	65	5450	5450	67	5160	5160
75	59.5	5530	4520	62.5	5160	4930	64.5	4900	4900
80	57	5110	3830	60	4880	4200	62	4670	4500
85	54.5	4690	3240	57.5	4630	3570	59.5	4450	3830
90	52	4270	2720	54.5	4400	3010	56.5	4250	3250
95	49	3730	2260	51.5	3990	2530	53.5	4070	2730
100	46	3250	1860	48.5	3480	2090	50.5	3650	2260
105	43	2820	1490	45.5	3020	1700	47	3160	1840
110	39.5	2440	1170	42	2610	1350	43.5	2720	1460
115	35.5	2080	870	38	2230	1020	39	2320	1110
120	31.5	1770		34	1890		34.5	1940	790
125	26.5	1470		29	1570		29	1590	
130	20.5	1200		22	1260		20	1240	
135	10	950							
140									



**USE THIS CHART ONLY
WHEN ALL OUTRIGGER
BEAMS ARE FULLY
EXTENDED**

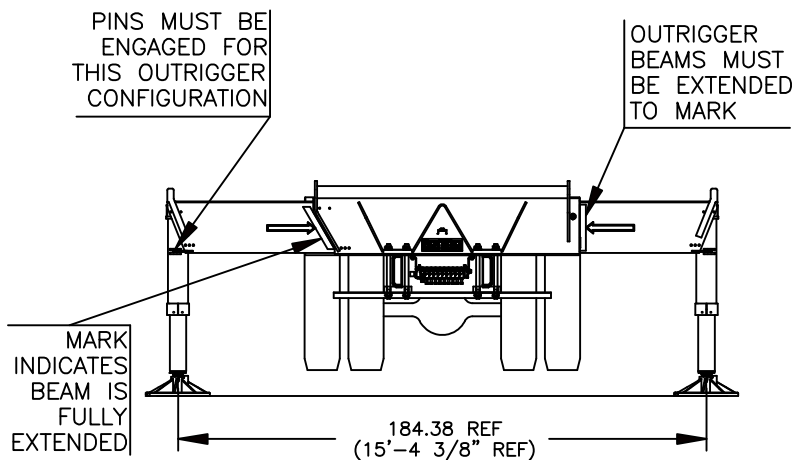


49 FT EXTENDED JIB LIFTING CAPACITIES

LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	0° OFFSET		15° OFFSET			30° OFFSET		
		CODE 13 OVER REAR (LBS)	CODE 14 FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	CODE 15 OVER REAR (LBS)	CODE 16 FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	CODE 17 OVER REAR (LBS)	CODE 18 FULL 360° (LBS)
40	77	5400	5400						
45	75	5400	5400						
50	73.5	5400	5400	77	4700	4700			
55	71.5	5400	5400	75	4700	4700			
60	69.5	5400	5400	73.5	4480	4480	77	3520	3520
65	68	5230	5230	71.5	4280	4280	75	3520	3520
70	66	4930	4930	69.5	4100	4100	73.5	3410	3410
75	64	4660	4660	67.5	3940	3940	71	3310	3310
80	62	4410	4410	65.5	3790	3790	69	3210	3210
85	60	4170	3840	63.5	3650	3650	67	3130	3130
90	57.5	3950	3320	61.5	3520	3520	64.5	3050	3050
95	55.5	3750	2850	59	3400	3280	62	2980	2980
100	53	3560	2440	57	3290	2830	59.5	2910	2910
105	50.5	3380	2080	54.5	3190	2420	57	2860	2700
110	48	3000	1750	52	3050	2060	54.5	2810	2300
115	45.5	2650	1450	49	2920	1730	51.5	2760	1940
120	42.5	2330	1180	46	2570	1430	48.5	2730	1610
125	39.5	2030	930	43	2250	1150	45	2400	1300
130	36	1760		39.5	1950	890	41	2070	1010
135	32	1510		35.5	1670		36.5	1750	
140	28	1280		31	1410		31	1450	
145	22.5	1070		25	1160				
150	15	870		15.5	900				
155									



**USE THIS CHART ONLY
WHEN ALL OUTRIGGER
BEAMS ARE IN THE MID
POSITION**



32 FT RETRACTED JIB LIFTING CAPACITIES

LOAD RADIUS (FT)	0° OFFSET		15° OFFSET		30° OFFSET	
	LOADED BOOM ANGLE (DEG)	CODE 19 FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	CODE 20 FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	CODE 21 FULL 360° (LBS)
35	76.5	7300				
40	74.5	7300				
45	72.5	5680	76	6450		
50	70.5	4410	73.5	5070	76	5660
55	68.5	3400	71.5	3990	74	4490
60	66.5	2590	69.5	3110	72	3550
65	64	1920	67	2380	69.5	2770
70	62	1360	65	1770	67	2110
75	59.5	880	62.5	1240	64.5	1540
80			60	790	62	1060

49 FT EXTENDED JIB LIFTING CAPACITIES

LOAD RADIUS (FT)	0° OFFSET		15° OFFSET		30° OFFSET	
	LOADED BOOM ANGLE (DEG)	CODE 22 FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	CODE 23 FULL 360° (LBS)	LOADED BOOM ANGLE (DEG)	CODE 24 FULL 360° (LBS)
40	77	5400				
45	75	5400				
50	73.5	5070	77	4700		
55	71.5	4050	75	4700		
60	69.5	3220	73.5	3980	77	3520
65	68	2540	71.5	3220	75	3520
70	66	1970	69.5	2580	73.5	3130
75	64	1480	67.5	2040	71	2520
80	62	1060	65.5	1560	69	2000
85			63.5	1150	67	1540
90			61.5	790	64.5	1140
95					62	780