

 **TEREX CRANES**

TEREX

MODEL NO.

T550

HYDRAULIC CRANE

50 TON

P.C.S.A. CLASS 12 - 173

TEMPORARY

LOAD RATINGS

(Ratings in this chart are 80% of those appearing in a standard 75% load rating book)

Do not operate this crane unless you have read and understood the information in this book.

This book must contain 78 pages.

**DO NOT REMOVE THIS BOOK
FROM THE CRANE**

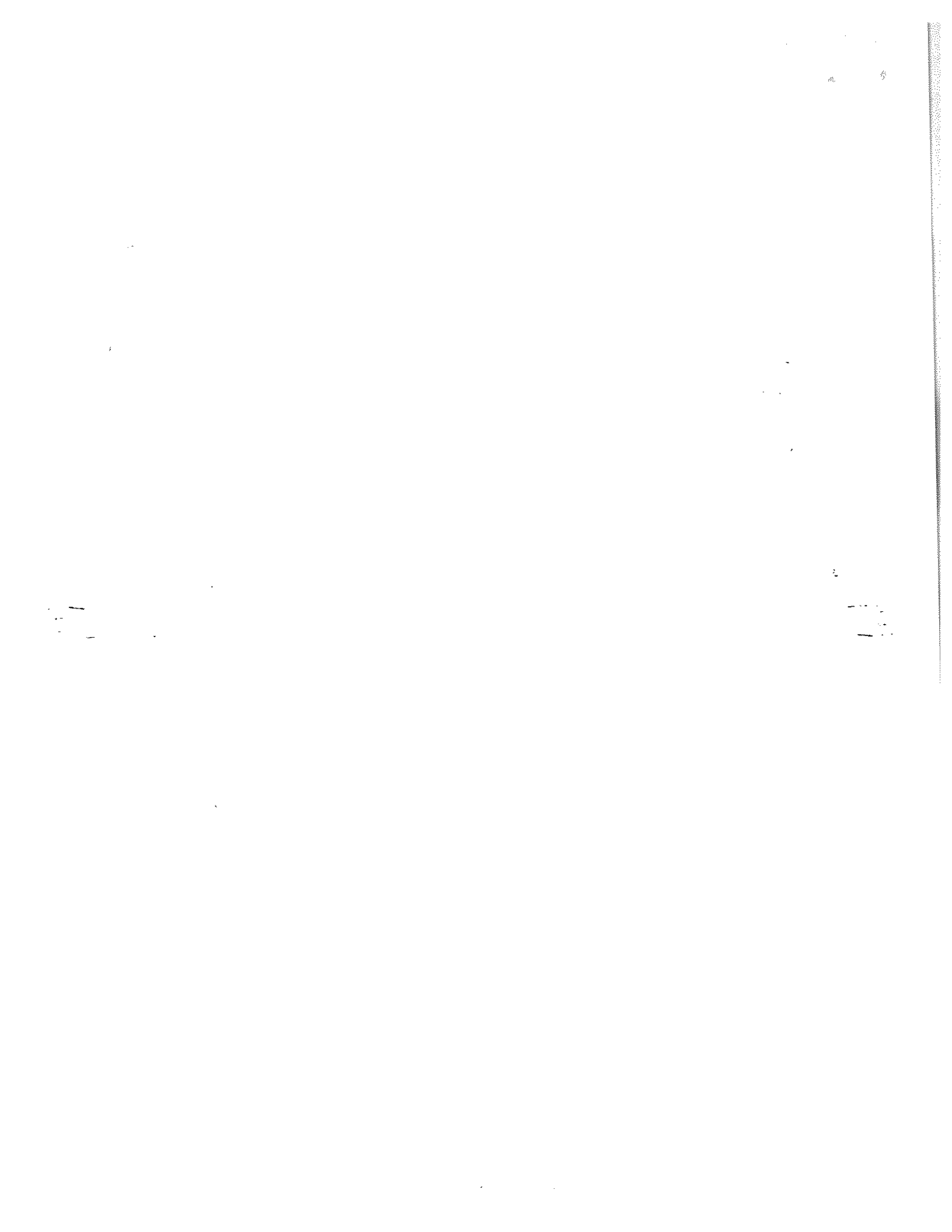


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Part 2 - Lifts With Outrigger Beams Fully Extended			
Counterweight <u>Installed on Upperstructure</u>	<u>5,000 lb</u>	<u>8,000 lb</u>	<u>11,000 lb</u>
Main Boom Lift Capacities.....	7.8	31,32	55,56
" " " " W/Erected & Unused 33' Jib.....	9.10	33,34	57,58
" " " " " " " " 57' ".....	11.12	35,36	59,60
32' Length Jib & Fully Extended Boom Lift Capacities	13,14	37,38	61,62
33' Length Jib & Fully Extended Boom Lift Capacities.....	15,16	39,40	63,64
57' Length Jib & Fully Extended Boom Lift Capacities.....	17,18	41,42	65,66

Part 3 - Lifts With Outrigger Beams Extended to Mid-Position & Pinned			
Main Boom Lift Capacities.....	19.20	43,44	67,68
32' Length Jib & Fully Extended Boom Lift Capacities.....	21,22	45,46	69,70
33' Length Jib & Fully Extended Boom Lift Capacities.....	23,24	47,48	71,72
57' Length Jib Lift Capacities.....	25,26	49,50	73,74

Part 4 - Lifts With Outrigger Beams Less Than 1/2 Extended			
Main Boom Lift Capacities.....	27.28	51,52	75,76

Part 5 - Lifts On Tires			
Lifts Straight over the rear On Tires.....	29.30	53,54	77,78

INFORMATIONAL DATA

HOIST TACKLE CHART

This chart only represents the maximum permissible hoist line load per parts of line. You must refer to the proper lift charts for machine rated loads.

MAXIMUM PERMISSIBLE HOIST LINE LOAD												
LINE PARTS	1	2	3	4	5	6	7	8	9	10	11	12
MAX. LOAD(18x19)	9,080	18,160	27,240	36,320	45,400	54,480	63,560	72,640	81,720	90,800	99,880	108,960
MAX. LOAD(6x19)	10,000	20,000	30,000	40,000	50,000	60,000	70,000	80,000	90,000	100,000	110,000	120,000
BOOM HEAD	2	3-D	2-3	1-4-D	2-3-4	2-3-4-D	1-2-3-4	1-2-3-4-D	1-2-3-4-5	1-2-3-4-5-D	1-2-3-4-5-6	1-2-3-4-5-6
HOOK BLOCK	D	3	3-D	1-4	2-3-D	2-3-4	2-3-4-D	1-2-3-4	1-2-3-4-D	1-2-3-4-5	1-2-3-4-5	1-2-3-4-5-6
WIRE ROPE: 5/8" ROTATION RESISTANT COMPACTED STRAND, 18X19 OR 19X19 MINIMUM BREAKING STRENGTH - 22.7 TONS 5/8" 6X19 OR 6X37 IWRC IPS PREFORMED RIGHT												

THIS CHART FOR T500'S

TIRE OR FLOAT LOADS

The loads shown below are the maximum load on one outrigger or tire for the condition shown. These are not the total load carried by all the outriggers or tires. The loads on the other outriggers or tires will be equal to or less than those shown below, depending upon the position of the upperstructure.

MAXIMUM ALLOWABLE TIRE LOADS PER TIRE(LB)

COLD TIRE PRESSURE(Psi)	95	100	105	110	115	120
425/65R22.5	9,370	9,790	10,100	10,500(J)	10,900	11,350(L)
11R22.5	5,300	5,470	5,750(G)	5,800(H)	-	-

ON OUTRIGGERS	
LOADED	100,000 LB

MAXIMUM ALLOWABLE LOAD ON AXLES FOR HIGHWAY SPEEDS (THIS DOES NOT CONSIDER TIRE LIMITATIONS)

FRONT TANDEM	46,000 LB.
REAR TANDEM	43,000 LB.



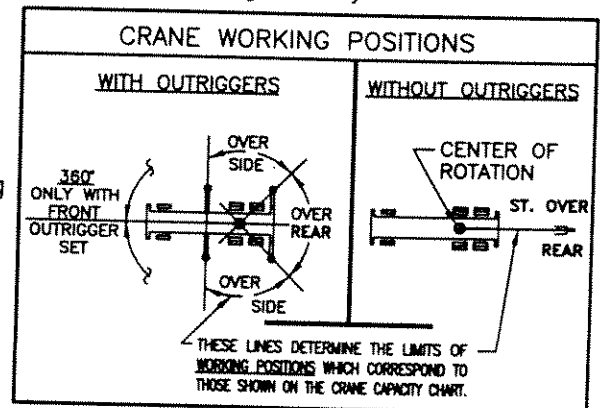
WARNING

GENERAL

1. Rated loads as shown on Lift Charts pertain to this machine as originally manufactured and equipped. Modifications to the machine or use of optional equipment other than that specified can result in a reduction of capacity.
2. Construction equipment can be hazardous if improperly operated or maintained. Operation and maintenance of this machine shall be in compliance with the information in the Operator's, Parts, and Safety Manuals supplied with this machine. If these manuals are missing, order replacements from the manufacturer through your distributor.
3. These warnings do not constitute all of the operating conditions for the crane. The operator and job site supervision must fully understand the OPERATORS MANUAL, CIMA SAFETY MANUAL, APPLICABLE OSHA REGULATIONS AND SOCIETY OF MECHANICAL ENGINEERS (ASME) SAFETY STANDARDS FOR CRANES.
4. This crane and its load ratings are in accordance with POWER CRANE & SHOVEL ASSOCIATION, STANDARD NO. 4, SAE CRANE LOAD STABILITY TEST CODE J-765A, SAE METHOD OF TEST FOR CRANE STRUCTURE J1063 AND APPLICABLE SAFETY CODE FOR CRANES, DERRICKS AND HOIST, ASME/ANSI B30.5.

DEFINITIONS

1. **LOAD RADIUS** – The horizontal distance from the axis of rotation before loading to the center of the vertical hoist line or tackle with a load applied.
2. **LOADED BOOM ANGLE** – It is the angle between the boom base section and the horizontal, after lifting the rated load at the rated radius. The boom angle before loading should be greater to account for deflections. The loaded boom angle combined with the boom length give only an approximation of the operating radius.
3. **WORKING AREA** – Areas measured in a circular arc about the centerline of rotation as shown in the diagram.
4. **FREELY SUSPENDED LOAD** – Load hanging free with no direct external force applied except by the hoist rope.
5. **SIDE LOAD** – Horizontal force applied to the lifted load either on the ground or in the air.
6. **NO LOAD STABILITY LIMIT** – The stability limit radius shown on the range diagrams is the radius beyond which it is not permitted to position the boom, when the boom angle is less than the minimum shown on the applicable load chart, because the machine can overturn without any load.
7. **BOOM SIDE OF CRANE** – The side of the crane over which the boom is positioned when in an OVER SIDE working position.

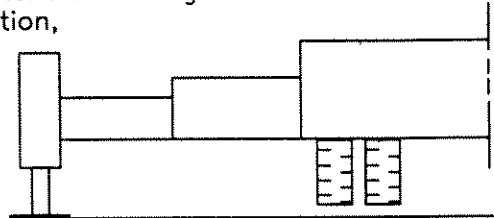




WARNING

SET-UP

1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on outriggers are based on all outrigger beams being fully extended, or in the case of partial extension ratings mechanically pinned in the appropriate position, and the tires free of the supporting surface.



3. Crane load ratings on tires depend on appropriate inflation pressure and the tire conditions. Caution must be exercised when increasing air pressures in tires. Consult Operator's Manual for precautions.
4. Use of jibs, lattice-type boom extensions, or fourth section pullouts extended is not permitted for pick and carry operations.
5. Consult appropriate section of the Operator's and Service Manual for more exact description of hoist line reeving.
6. The use of more parts of line than required by the load may result in having insufficient rope to allow the hook block to reach the ground.
7. Properly maintained wire rope is essential for safe crane operation. Consult Operator's Manual for proper maintenance and inspection requirements.
8. When spin-resistant wire rope is used, the allowable rope loading shall

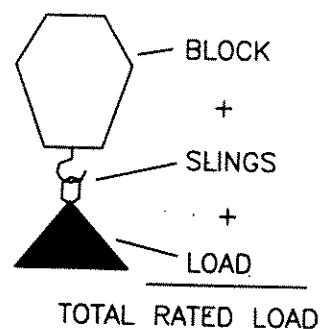


WARNING

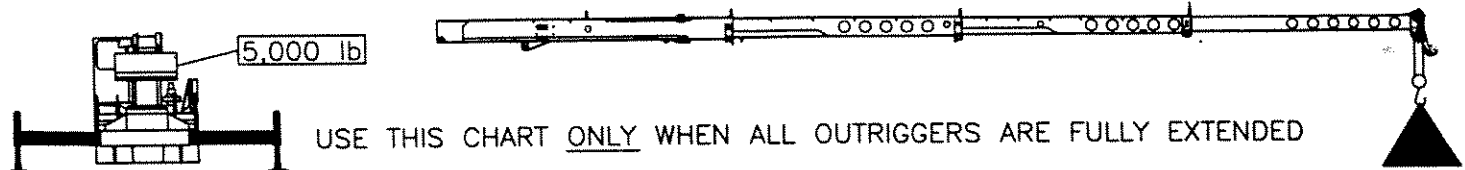
- Rated loads include the weight of hook block, slings, and auxiliary lifting devices. Their weights shall be subtracted from the listed rated load to obtain the net load that can be lifted.

When lifting over the jib the weight of any hook block, slings, and auxiliary lifting devices at the boom head must be added to the load.

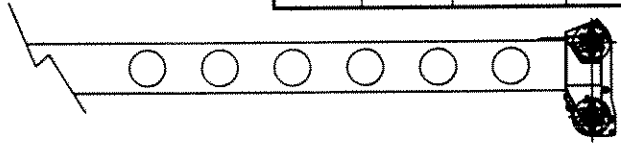
When jibs are erected but unused add two(2) times the weight of any hook block, slings, and auxiliary lifting devices at the jib head to the load.



- Rated loads do not exceed 60% on outriggers or 60% on tires, of the tipping load as determined by SAE Crane Stability Test Code J765a. Structural strength ratings in chart are indicated with an asterisk (*).
- Rated loads are based on freely suspended loads. No attempt shall be made to drag a load horizontally on the ground in any direction.
- The user shall operate at reduced ratings to allow for adverse job conditions, such as: Soft or uneven ground, out of level conditions, high winds, side loads, pendulum action, jerking or sudden stopping of loads, hazardous conditions, experience of personnel, two machine lifts, traveling with loads, electric wires, etc. (side pull on boom or jib is hazardous). Derating of the cranes lifting capacity is required when wind speed exceeds 20 MPH. The center of the lifted load must never be allowed to move more than 3* feet off the center line of the base boom section due to the effects of wind, inertia, or any combination of the two.
*Use 2 feet off the center line of the base boom for a two section boom, 3 feet for a three section boom, or 4 feet for a four section boom."
- The maximum load which can be telescoped is not definable, because of variations in loadings and crane maintenance, but it is permissible to attempt retraction and extension if load ratings are not exceeded.
- Load ratings are dependent upon the crane being maintained according to manufacturer's specifications.
- It is recommended that load handling devices, including hooks, and hook blocks, be kept away from boom head at all times.
- FOR TRUCK CRANES ONLY: 360° capacities apply only to machines equipped with a front outrigger jack and all five (5) outrigger jacks properly set. If the front (5th) outrigger jack is not properly set, the work area is restricted to the over side and over rear areas as shown on the Crane Working Positions diagram. Use the 360° load ratings in the overside work areas.
- Do not lift with outrigger beams positioned between the fully extended and intermediate (pinned) positions.
- Truck Cranes not equipped with equalizing (bogie) beams between the rear axles may not be used for lifting "on tires". Truck Cranes equipped with equalizing beams and rear air suspension should "dump" the air before lifting "on tires".



RATED LOAD ON OUTRIGGERS											
LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)
BOOM LENGTH 35 FT				BOOM LENGTH 50 FT				BOOM LENGTH 65 FT			
10	66.7	80000*	80000*	10	73.9	48000*	48000*				
12	63.1	80000*	80000*	12	71.5	48000*	48000*				
15	57.5	63360*	63360*	15	67.9	48000*	48000*	15	73.2	46960*	46960*
20	47.1	45520*	43680	20	61.5	46640*	44800	20	68.5	41680*	41680*
25	34.5	34800*	26480	25	54.8	35840*	27520	25	63.7	36400*	28000
30	14.8	25760	17760	30	47.4	27040	19120	30	58.6	27440	19520
31.2	0	16640*	16160	35	39.0	20480	14080	35	53.3	20880	14480
				40	28.8	16000	10640	40	47.6	16480	11120
BOOM LENGTH 80 FT				45	12.4	12720	8160	45	41.3	13360	8800
				46.2	0	10080*	7520	50	34.1	10960	6960
				BOOM LENGTH 95 FT				55	25.2	9120	5520
								60	10.9	7520	4320
								61.2	0	6560*	4000
20	72.7	30880*	30880*	BOOM LENGTH 110 FT							
25	68.9	26800*	26800*	25	72.3	23360*	23360*				
30	65.0	23600*	19760	30	69.1	20640*	19920	30	72.1	18240*	18240*
35	61.0	21120	14720	35	65.9	18320*	14880	35	69.3	16320*	14960
40	56.8	16720	11360	40	62.5	16560*	11520	40	66.5	14640*	11600
45	52.4	13600	9040	45	59.1	13760	9120	45	63.6	13120*	9280
50	47.7	11280	7200	50	55.5	11360	7360	50	60.7	11520	7440
55	42.7	9440	5840	55	51.7	9600	6000	55	57.7	9680	6080
60	37.1	7920	4720	60	47.8	8160	4880	60	54.5	8240	4960
65	30.6	6720	3760	65	43.6	6960	4000	65	51.3	7040	4080
70	22.6	5680	3040	70	39.0	5920	3280	70	47.8	6000	3360
75	9.8	4800	2320	75	33.9	5040	2560	75	44.2	5200	2720
76.2	0	4400*	2160	80	28.1	4320	2000	80	40.4	4480	2160
				85	20.8	3680	1520	85	36.1	3840	1680
				90	9.0	3040	1040	90	31.5	3280	1280
				91.2	0	2880*	960	95	26.0	2800	880
								100	19.3	2320	
								105	8.4	1920	
								106.17	0	1760*	




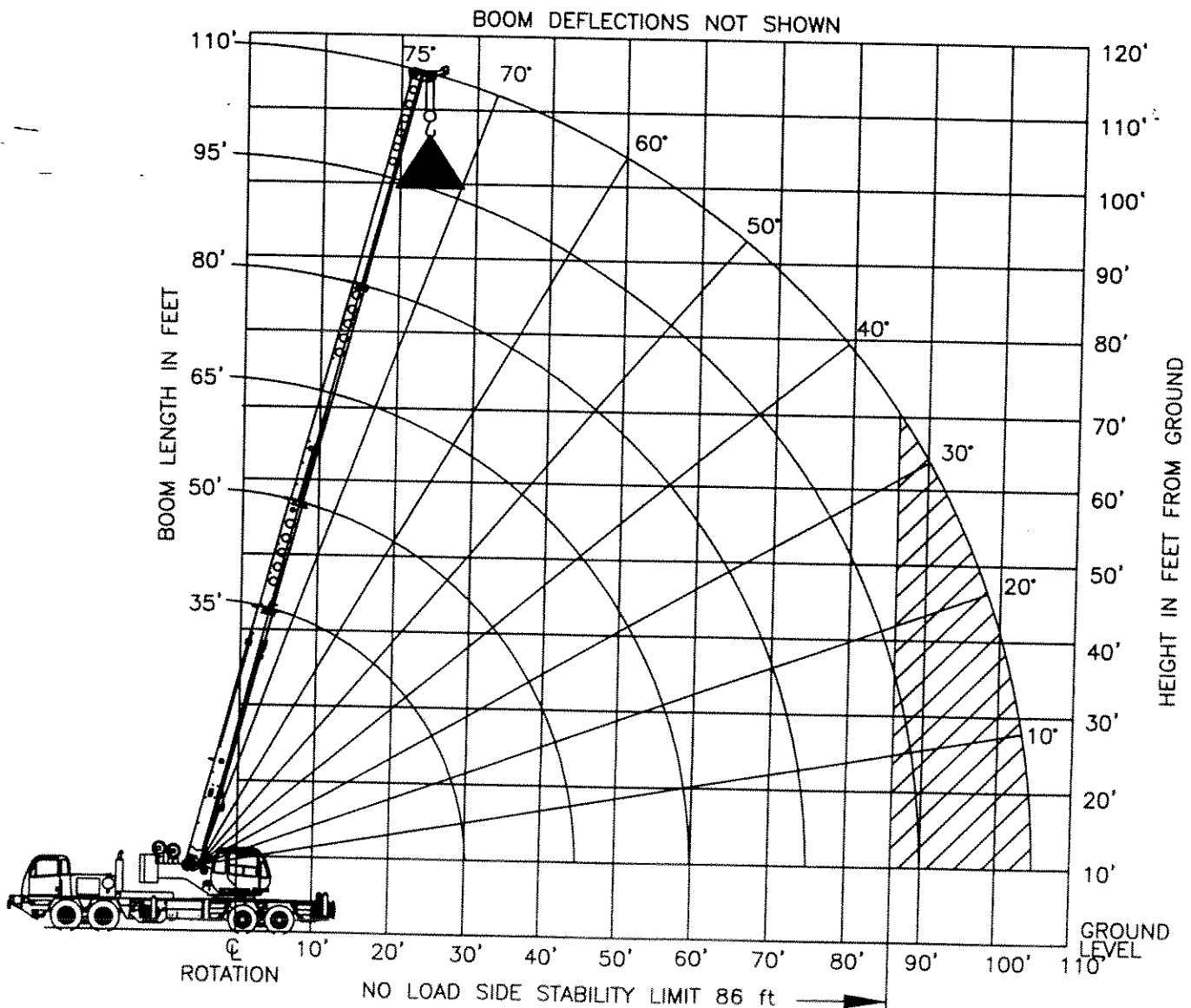
Add 100Lbs to the chart values if the AUX BOOM HEAD SHEAVE is NOT ERECTED.

SET-UP:


1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on outriggers are based on all outrigger beams being fully extended and the tires raised free of the supporting surface.

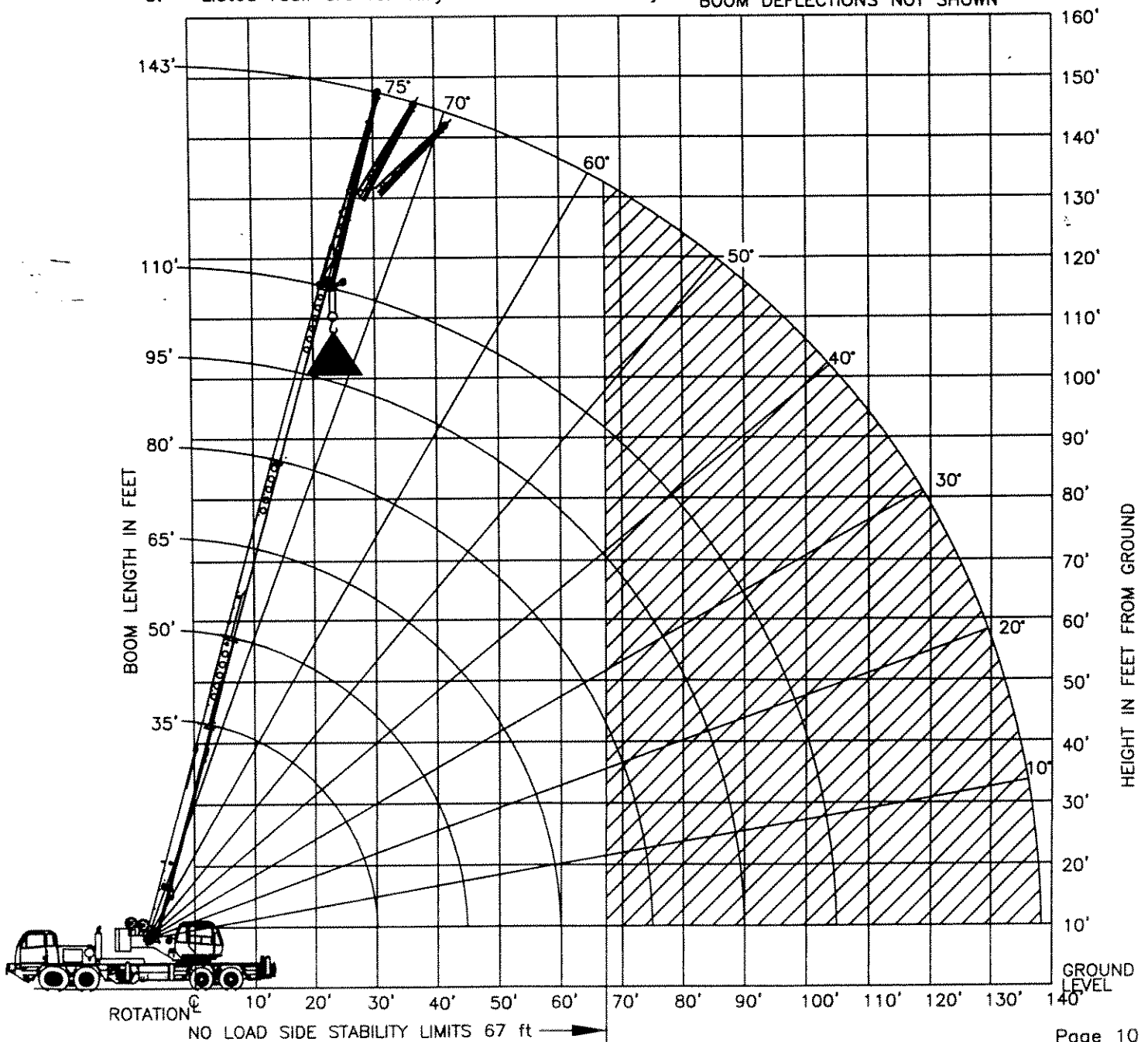
OPERATION:

1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
2. When either radius or boom length, or both, are between listed values, the smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched  areas shown on range diagrams) as tipping can occur without a load on the hook.
4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a specified boom length. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.




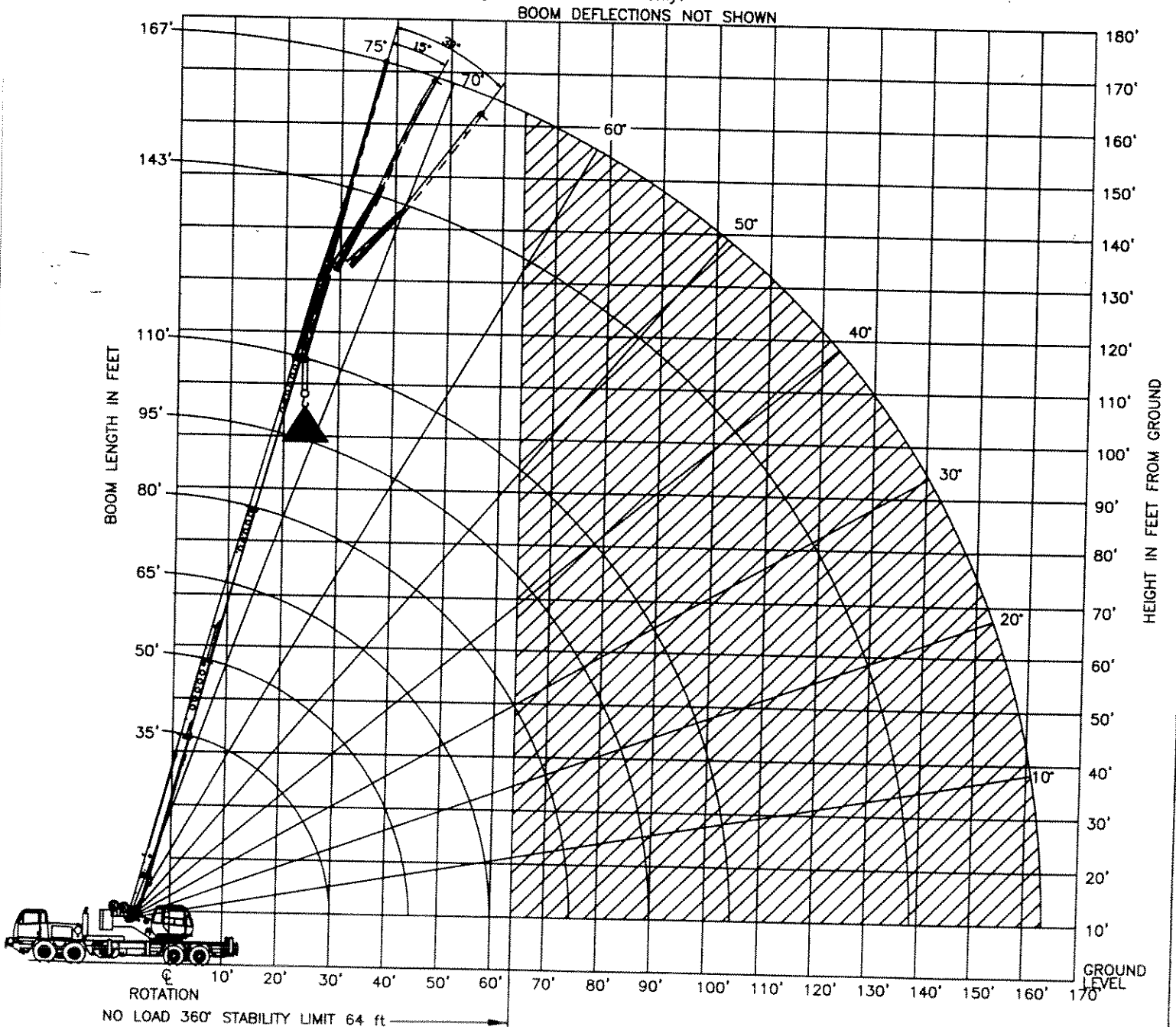
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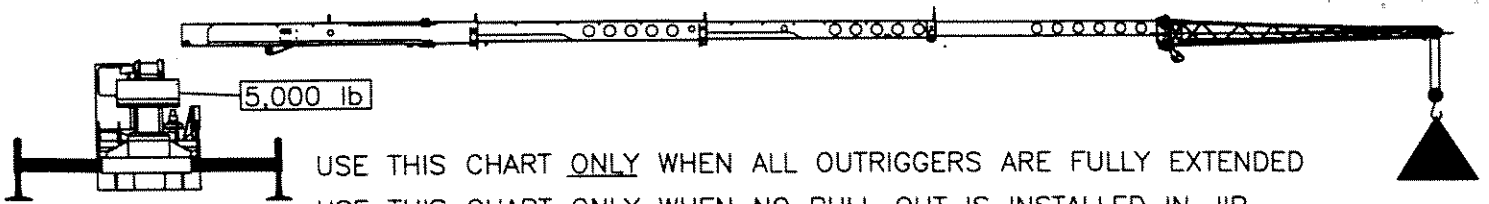
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5. Power telescoping boom sections must be extended equally.
6. For all boom lengths less than the maximum with the jib erected, the rated loads are determined by boom angle only in the appropriate column.
7. For boom angles not shown, use the capacity of the next lower angle.
8. Listed radii are for fully extended boom only. **BOOM DEFLECTIONS NOT SHOWN**



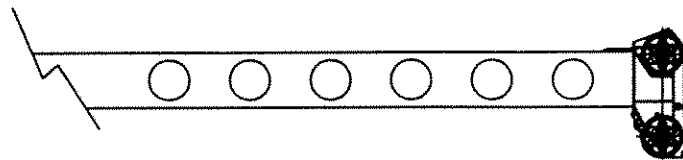
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7. For boom angles not shown, use the capacity of the next lower angle.
8. Listed radii are for fully extended boom only.





32 FT OFFSET JIB									
LOADED BOOM ANGLE (DEG)	0° OFFSET			15° OFFSET			30° OFFSET		
	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)
75	41'	10000*	7280	48'	6720*	6240	55'	5200*	5200*
73	46'	9440*	6720	53'	6480*	5840	59'	5040*	5040*
71	52'	8960*	6240	58'	6160*	5440	64'	4960*	4960*
68	58'	8240*	5440	64'	5840*	4800	69'	4720*	4640
65	65'	7600*	4720	70'	5600*	4240	75'	4640*	4080
62	71'	7040*	4080	76'	5360*	3680	81'	4480*	3520
59	78'	5520	3440	82'	4880	3120	87'	4320*	2880
55	85'	4640	2560	89'	4080	2400	94'	4000	2240
51	91'	3680	1920	97'	3440	1760	101'	3360	1680
47	97'	3040	1440	104'	2880	1360	107'	2800	1280
43	104'	2560	1040	110'	2480	960	112'	2400	960
38	112'	2080	640	117'	2000	480	118'	2000	480
32	120'	1600		124'	1600		126'	1520	
25	126'	1200		129'	1200				
17	132'	880		134'	880				
0	138'	320*							




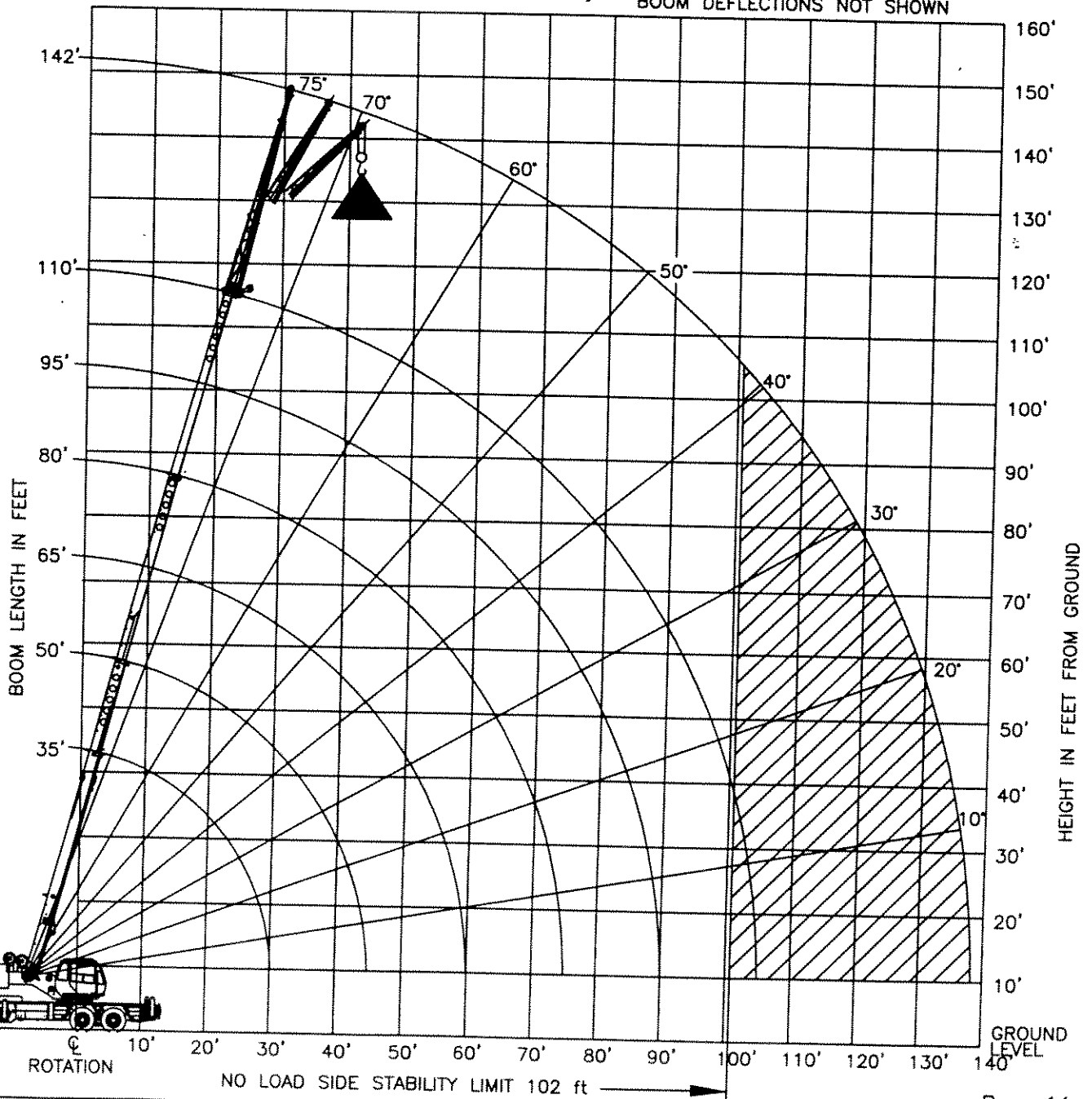
Add 100Lbs to the chart values if the AUX BOOM HEAD SHEAVE is NOT ERECTED.

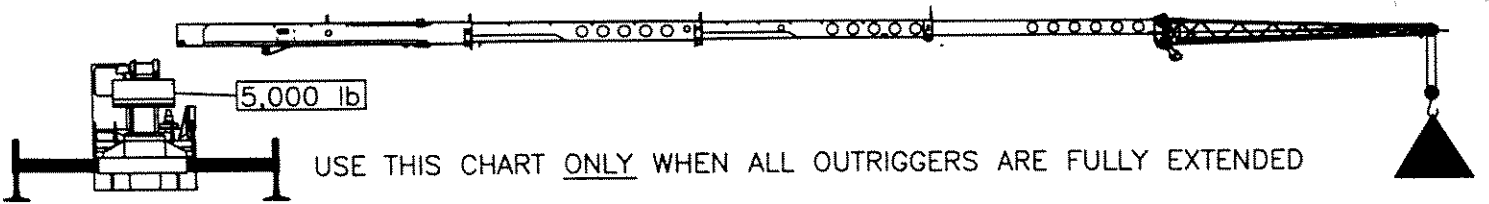
SET-UP:

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2. Crane load ratings on outriggers are based on all outrigger beams being fully extended and the tires raised free of the supporting surface.

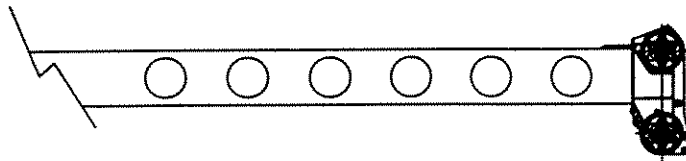
OPERATION:

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2. When either radius or boom angle, or both, are between listed values, the smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched  areas shown on range diagrams) as tipping can occur without a load on the hook.
4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a fully extended boom. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.
6. For all boom lengths less than the maximum with the jib erected, the rated loads are determined by boom angle only in the appropriate column.
7. For boom angles not shown, use the capacity of the next lower angle.
8. Listed radii are for fully extended boom only. BOOM DEFLECTIONS NOT SHOWN





33 FT OFFSET JIB									
LOADED BOOM ANGLE (DEG)	0° OFFSET			15° OFFSET			30° OFFSET		
	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)
75	42'	10000*	6400	49'	6720*	5600	56'	5200*	5200*
73	47'	9440*	6000	54'	6480*	5200	60'	5040*	5040*
71	53'	8960*	5520	59'	6160*	4880	65'	4960*	4960*
68	60'	8240*	4880	66'	5840*	4320	71'	4720*	4080
65	67'	7600*	4240	72'	5600*	3760	77'	4640*	3520
62	73'	7040*	3600	78'	4960	3200	83'	4480*	2960
59	80'	5040	2960	84'	4400	2640	89'	4240	2400
55	87'	4080	2080	91'	3600	1920	96'	3440	1760
51	93'	3200	1520	99'	2960	1280	103'	2800	1200
47	99'	2560	960	106'	2400	880	109'	2320	800
43	106'	2080	560	112'	2000		114'	1920	
38	114'	1600		119'	1520		120'	1520	
32	121'	1120		125'	1120		127'	1040	
25	128'	720		131'	720				



Add 100Lbs to the chart values if the AUX BOOM HEAD SHEAVE is NOT ERECTED.

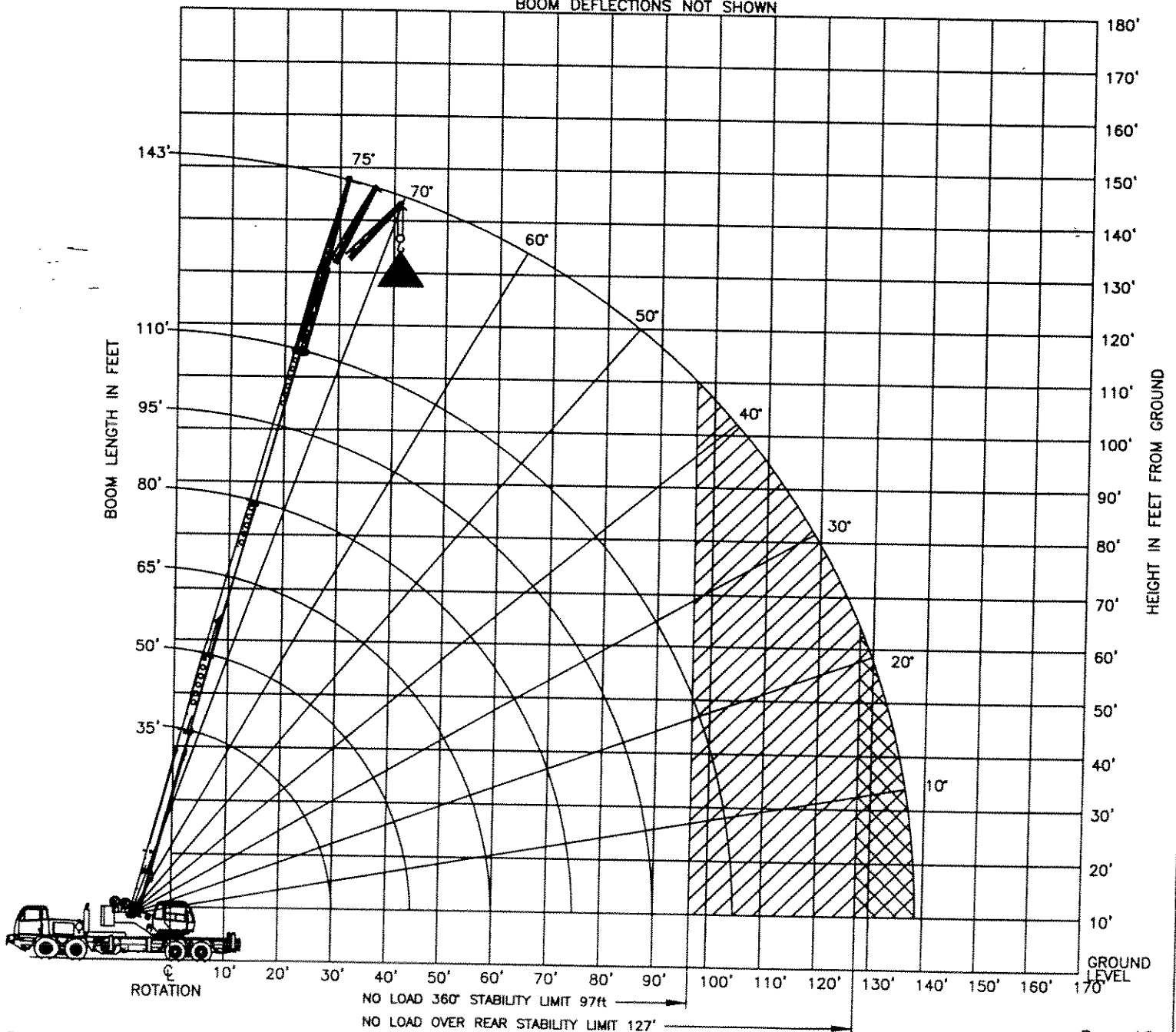
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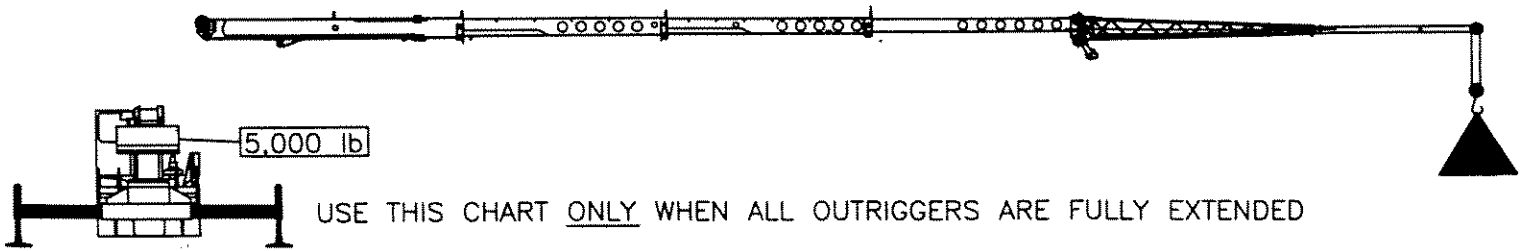
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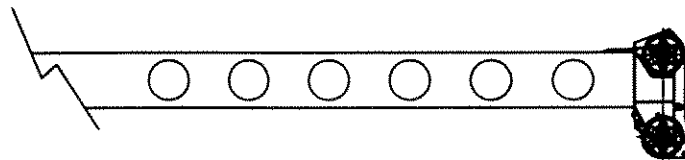
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4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a fully extended boom. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.
6. For all boom lengths less than the maximum with the jib erected, the rated loads are determined by boom angle only in the appropriate column.
7. For boom angles not shown, use the capacity of the next lower angle.
8. Listed radii are for fully extended boom only.

BOOM DEFLECTIONS NOT SHOWN





57 FT OFFSET JIB									
LOADED BOOM ANGLE (DEG)	0° OFFSET			15° OFFSET			30° OFFSET		
	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)
75	50'	5200*	5200*	64'	3600*	3600*	74'	2640*	2640*
73	56'	4880*	4880*	69'	3440*	3440*	79'	2560*	2560*
71	62'	4640*	4640*	75'	3280*	3280*	85'	2480*	2480*
68	70'	4400*	4400*	82'	3040*	3040*	91'	2400*	2400*
65	78'	4080*	3280	90'	2880*	2720	97'	2320*	2320*
62	86'	3760*	2720	97'	2720	2320	104'	2240*	2240*
59	95'	3520*	2160	104'	2640	1840	110'	2160*	1840
55	105'	2960	1600	112'	2480	1360	117'	2080*	1280
51	114'	2400	1120	120'	2080	960	124'	2080*	880
47	122'	2000	720	127'	1680	560	130'	1760	480
43	129'	1600		134'	1360		136'	1440	
38	137'	1200		141'	1120		142'	1120	
32	145'	720		148'	800		149'	800	

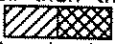


Add 100Lbs to the chart values if the AUX BOOM HEAD SHEAVE is NOT ERECTED.

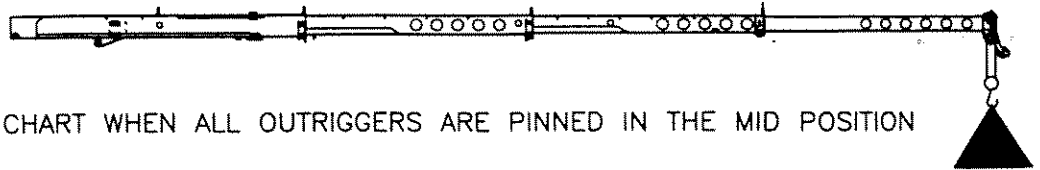
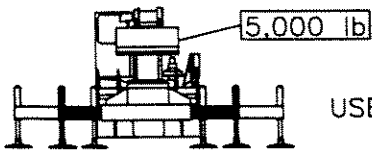
SET-UP:

1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on outriggers are based on all outrigger beams being fully extended and the tires raised free of the supporting surface.

OPERATION:

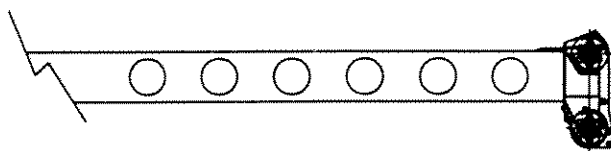
1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
2. When either radius or boom angle, or both, are between listed values, the smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched  areas shown on range diagrams) as tipping can occur without a load on the hook.
4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a fully extended boom. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.
6. For all boom lengths less than the maximum with the jib erected, the rated loads are determined by boom angle only in the appropriate column.
7. For boom angles not shown, use the capacity of the next lower angle.
8. Listed radii are for fully extended boom only.





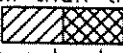
USE THIS CHART WHEN ALL OUTRIGGERS ARE PINNED IN THE MID POSITION

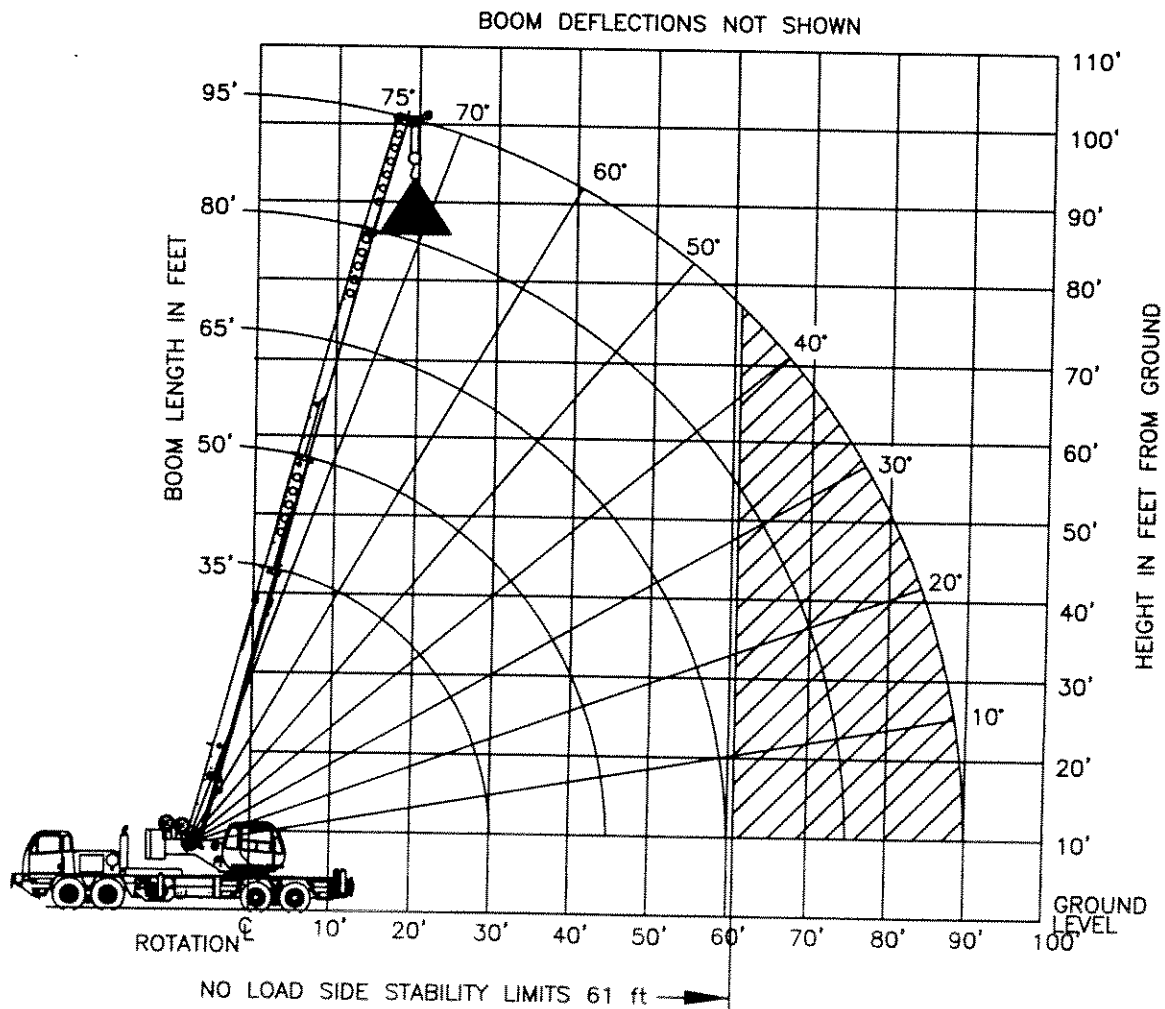
RATED LOAD ON OUTRIGGERS								
LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	360° (LB)
BOOM LENGTH 35 FT			BOOM LENGTH 50 FT			BOOM LENGTH 65 FT		
10	66.7	80000*	10	73.9	48000*			
12	63.1	65840	12	71.5	48000*			
15	57.5	38240	15	67.9	39280	15	73.2	39760
20	47.1	20800	20	61.5	21760	20	68.5	22240
25	34.5	12960	25	54.8	14080	25	63.7	14480
30	14.8	8400	30	47.4	9680	30	58.6	10160
31.2	0	7520	35	39.0	6800	35	53.3	7360
			40	28.8	4800	40	47.6	5360
BOOM LENGTH 80 FT			45	12.4	3280	45	41.3	3920
			46.2	0	2880	50	34.1	2720
			BOOM LENGTH 95 FT			55	25.2	1840
						60	10.9	1040
						61.2	0	800
20	72.7	22480				BOOM LENGTH 110 FT		
25	68.9	14720	25	72.3	14880			
30	65.0	10400	30	69.1	10560	30	72.1	10640
35	61.0	7600	35	65.9	7760	35	69.3	7840
40	56.8	5680	40	62.5	5760	40	66.5	5840
45	52.4	4240	45	59.1	4320	45	63.6	4480
50	47.7	3040	50	55.5	3280	50	60.7	3360
55	42.7	2160	55	51.7	2400	55	57.7	2480
60	37.1	1440	60	47.8	1680	60	54.5	1760
65	30.6	800	65	43.6	1040	65	51.3	1200

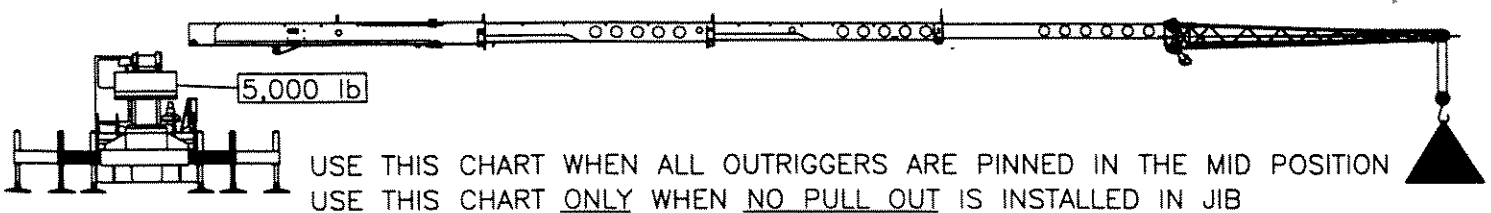


Add 100lbs to the chart values if the AUX BOOM HEAD SHEAVE is NOT ERECTED.

OPERATION:

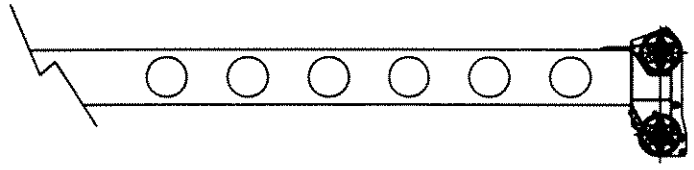
1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
2. When either radius or boom angle, or both, are between listed values, the smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched  areas shown on range diagrams) as tipping can occur without a load on the hook.
4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a fully extended boom. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.
6. For all boom lengths less than the maximum with the jib erected, the rated loads are determined by boom angle only in the appropriate column.
7. For boom angles not shown, use the capacity of the next lower angle.
8. Listed radii are for fully extended boom only.





USE THIS CHART WHEN ALL OUTRIGGERS ARE PINNED IN THE MID POSITION
 USE THIS CHART ONLY WHEN NO PULL OUT IS INSTALLED IN JIB

32 FT OFFSET JIB						
LOADED BOOM ANGLE (DEG)	0° OFFSET		15° OFFSET		30° OFFSET	
	(REF) LOAD RADIUS (FT)	360° (LB)	(REF) LOAD RADIUS (FT)	360° (LB)	(REF) LOAD RADIUS (FT)	360° (LB)
75	41'	5840	48'	4560	55'	4320
73	46'	4880	53'	4080	59'	3440
71	52'	4080	58'	3520	64'	2880
68	58'	2960	64'	2560	69'	2080
65	65'	2080	70'	1760	75'	1600
62	71'	1360	76'	1120	81'	1120
59	78'	800	82'	720	87'	640




Add 100Lbs to the chart values if the AUX BOOM HEAD SHEAVE is NOT ERECTED.

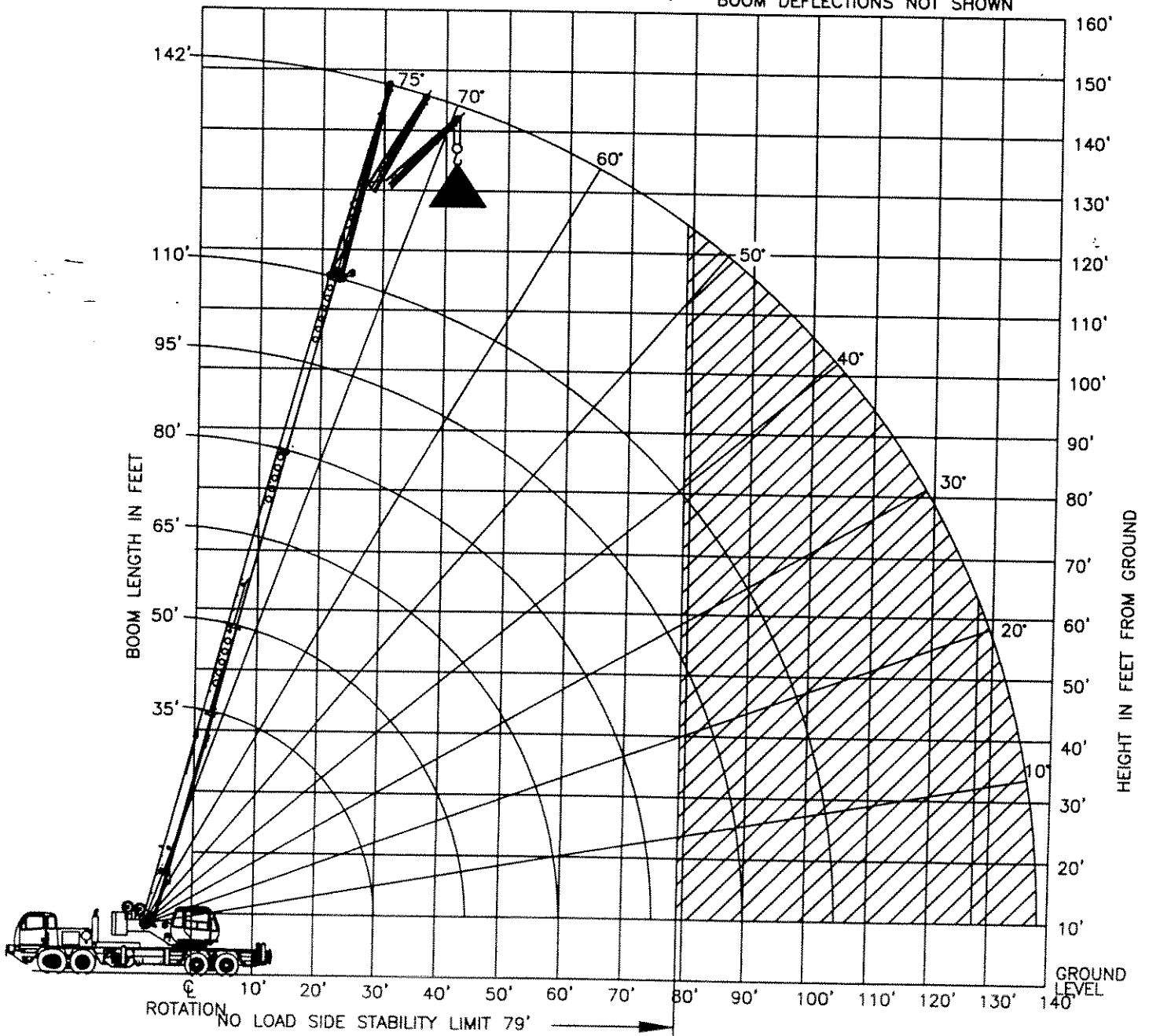
SET-UP:

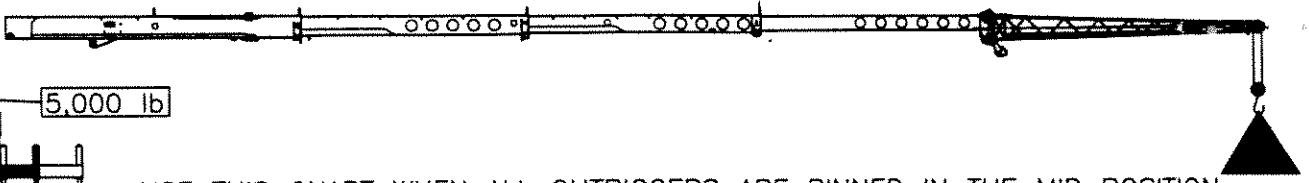
1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on outriggers are based on all outrigger beams being fully extended and the tires raised free of the supporting surface.

OPERATION:

1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
2. When either radius or boom angle, or both, are between listed values, the smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched  areas shown on range diagrams) as tipping can occur without a load on the hook.
4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a fully extended boom. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.
6. For all boom lengths less than the maximum with the jib erected, the rated loads are determined by boom angle only in the appropriate column.
7. For boom angles not shown, use the capacity of the next lower angle.
8. Listed radii are for fully extended boom only.

BOOM DEFLECTIONS NOT SHOWN



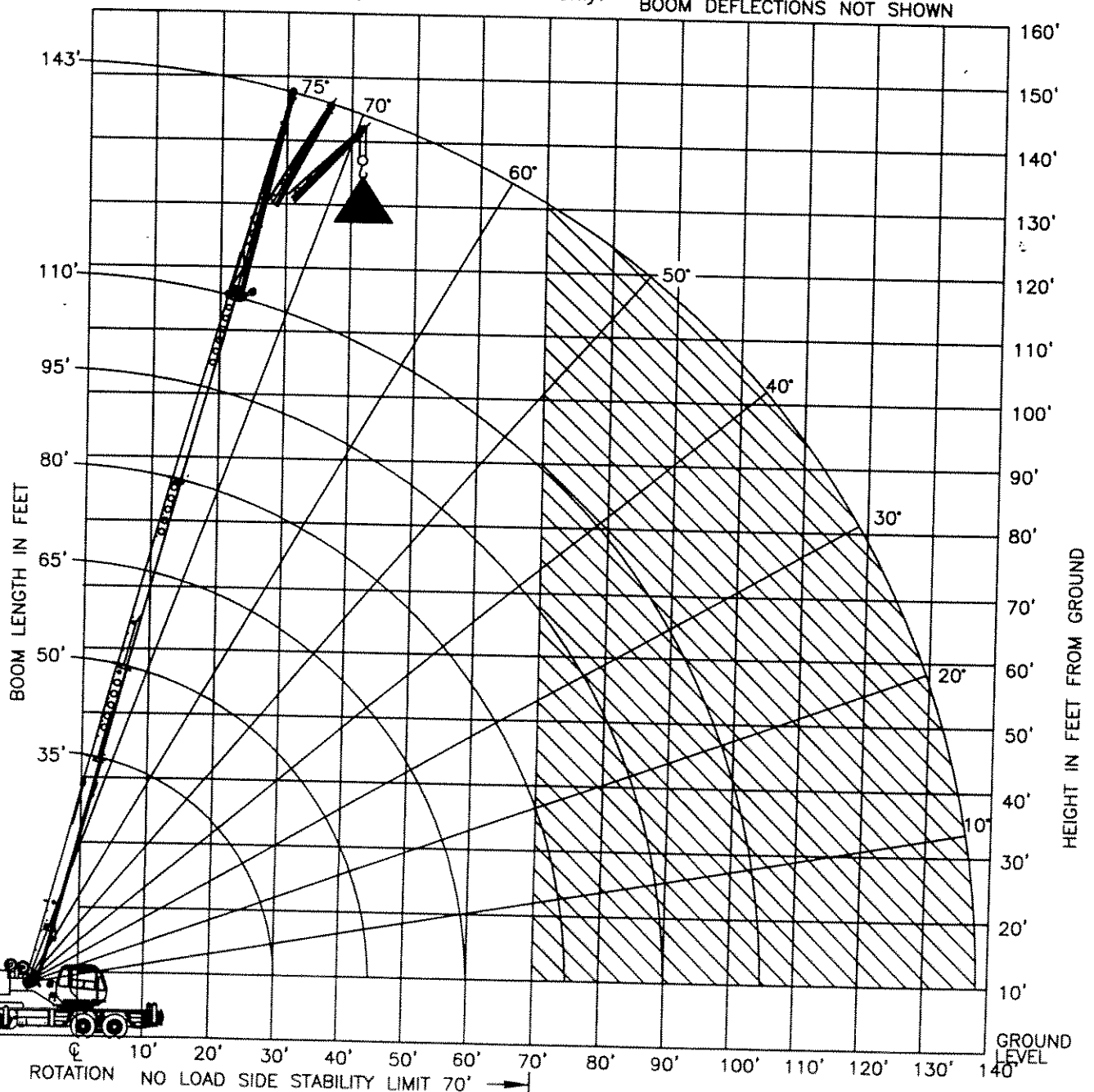


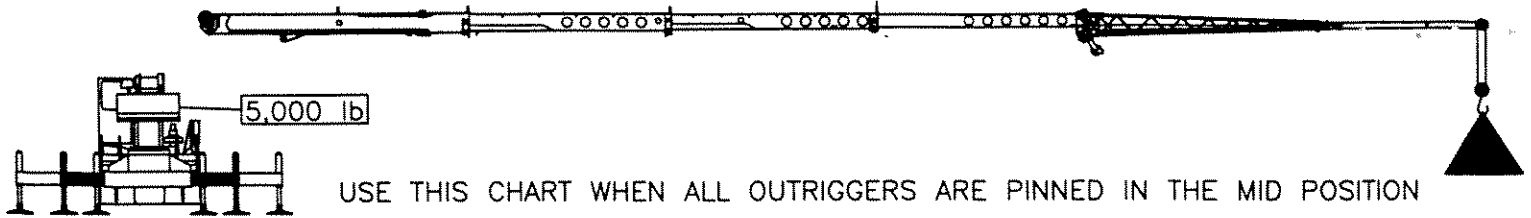
USE THIS CHART WHEN ALL OUTRIGGERS ARE PINNED IN THE MID POSITION

33 FT OFFSET JIB							
		0' OFFSET		15' OFFSET		30' OFFSET	
LOADED	(REF)			(REF)		(REF)	

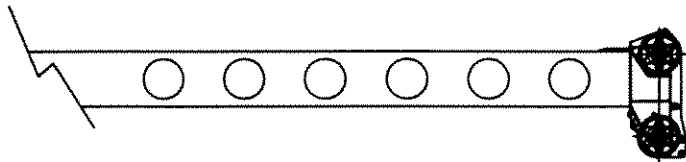
OPERATION:

1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
2. When either radius or boom angle, or both, are between listed values, the smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched areas shown on range diagrams) as tipping can occur without a load on the hook.
4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a fully extended boom. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.
6. For all boom lengths less than the maximum with the jib erected, the rated loads are determined by boom angle only in the appropriate column.
7. For boom angles not shown, use the capacity of the next lower angle.
8. Listed radii are for fully extended boom only. BOOM DEFLECTIONS NOT SHOWN





57 FT OFFSET JIB						
LOADED BOOM ANGLE (DEG)	0° OFFSET		15° OFFSET		30° OFFSET	
	(REF) LOAD RADIUS (FT)	360° (LB)	(REF) LOAD RADIUS (FT)	360° (LB)	(REF) LOAD RADIUS (FT)	360° (LB)
75	50'	3680	64'	2640	74'	2080
73	56'	3120	69'	2320	79'	1840
71	62'	2640	75'	1920	85'	1520
68	70'	1840	82'	1280	91'	1040
65	78'	1120	90'	800	97'	560
62	86'	480				



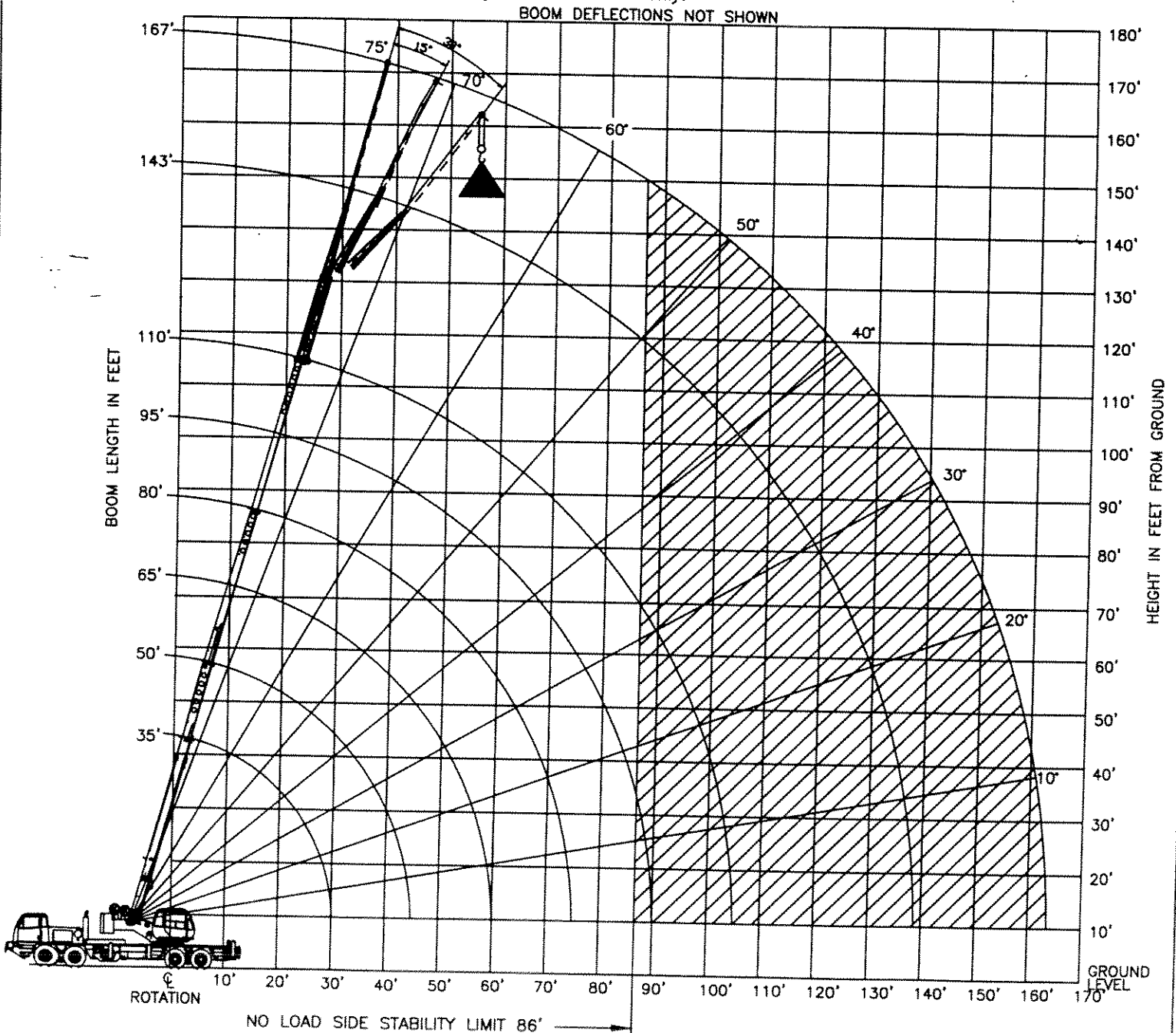
Add 100lbs to the chart values if the AUX BOOM HEAD SHEAVE is NOT ERECTED.

SET-UP:

1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on outriggers are based on all outrigger beams being fully extended, or in the case of partial extension ratings mechanically pinned in the appropriate position, and the tires free of the supporting surface.

OPERATION:

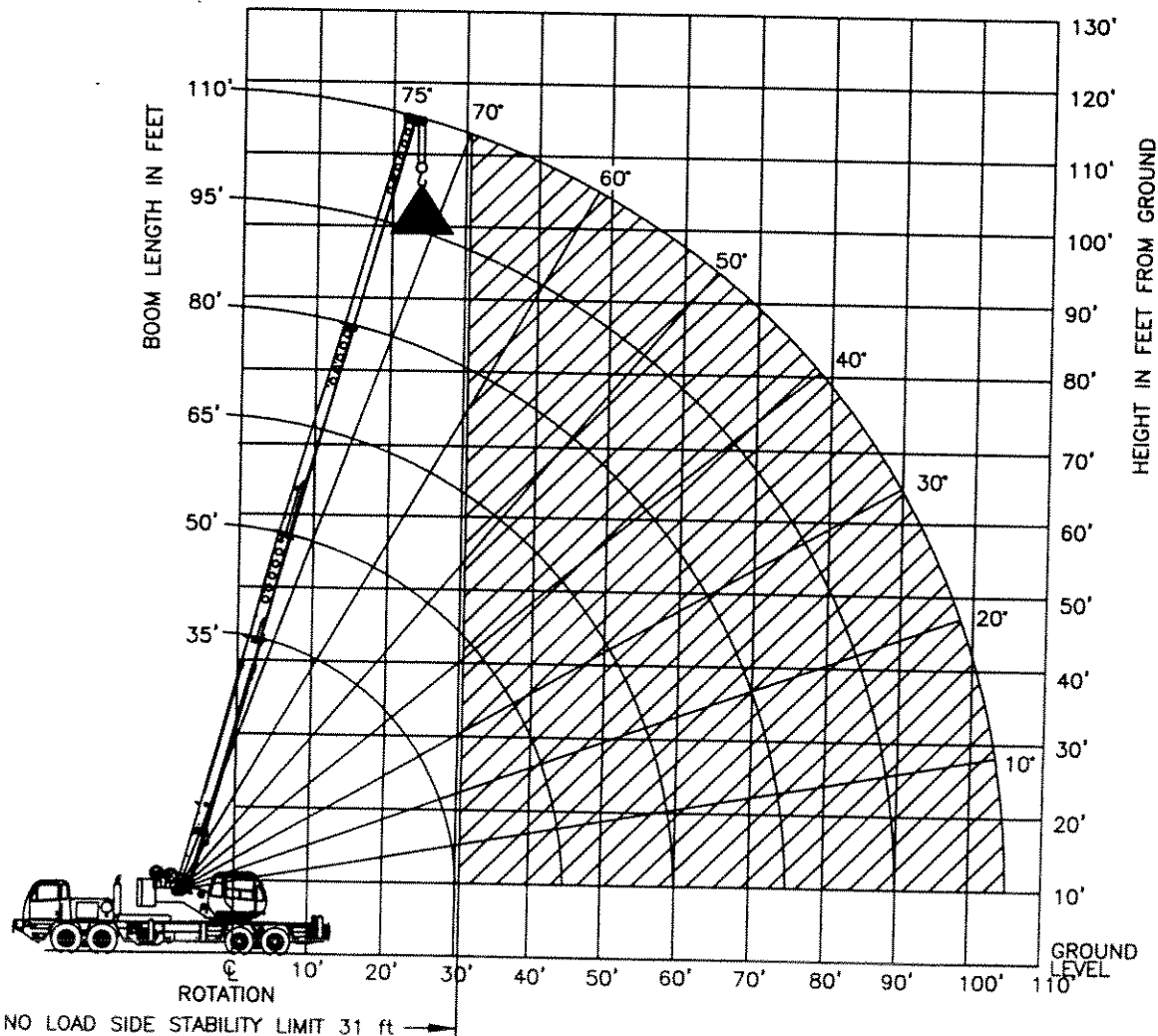
1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
2. When either radius or boom angle, or both, are between listed values, the smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched areas shown on range diagrams) as tipping can occur without a load on the hook.
4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a fully extended boom. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.
6. For all boom lengths less than the maximum with the jib erected, the rated loads are determined by boom angle only in the appropriate column.
7. For boom angles not shown, use the capacity of the next lower angle.
8. Listed radii are for fully extended boom only.

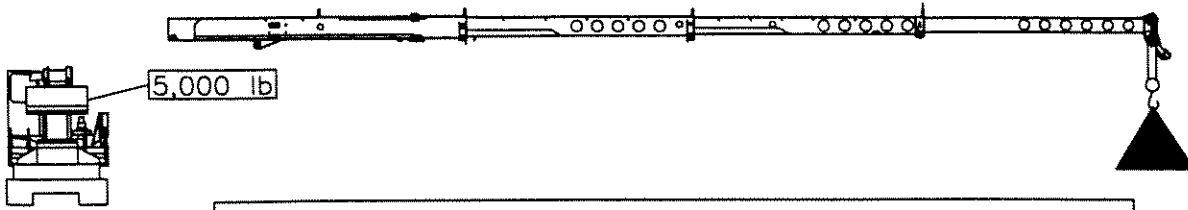


OPERATION:

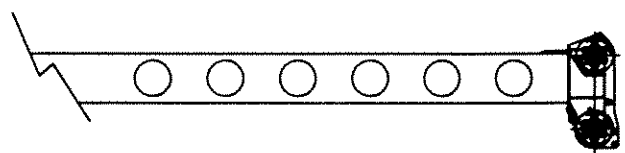
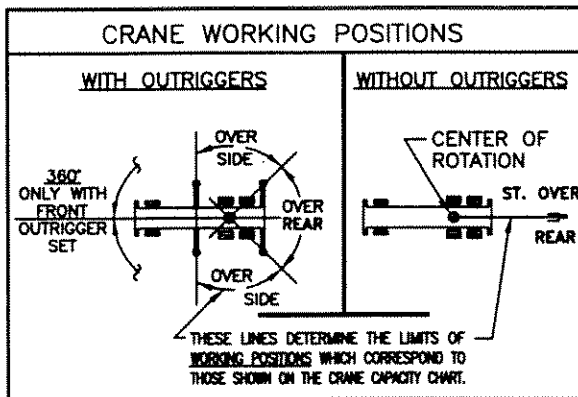
1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
2. When either radius or boom angle, or both, are between listed values, the smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched areas shown on range diagrams) as tipping can occur without a load on the hook.
4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a fully extended boom. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.
6. For all boom lengths less than the maximum with the jib erected, the rated loads are determined by boom angle only in the appropriate column.
7. For boom angles not shown, use the capacity of the next lower angle.
8. Listed radii are for fully extended boom only.

BOOM DEFLECTIONS NOT SHOWN





ON TIRES				
RADIUS (FT)	MAX BOOM LENGTH (FT)	ALL		
		STATIONARY	PICK & CARRY	
			CREEP	2.5 MPH
STRAIGHT OVER REAR				
10	35'	15800	15800	12800*
12	35'	14900	14900	11440*
15	35'	14100	14100	9680*
20	50'	11700	11700	7280*
25	50'	9200	9200	5440*
30	50'	7300	7300	3920*
35	50'	5700	5700	2880*
40	65'	4300	4300	2160*
45	65'	3300	3300	1600*
50	65'	2500	2500	1120*
55	65'	1900	1900	640*
60	80'	1400	1400	320*
65	80'			




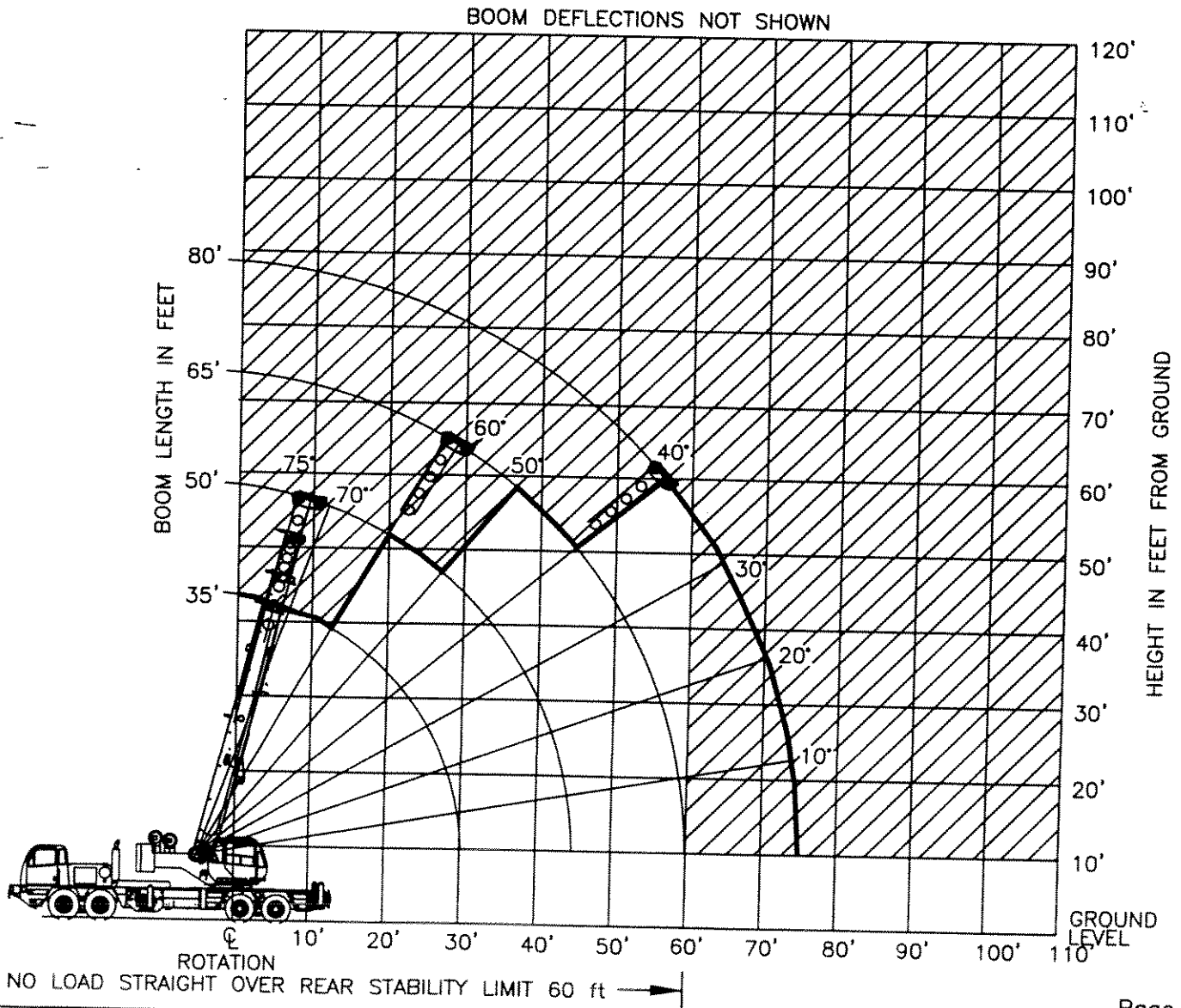
Add 100Lbs to the chart values if the AUX BOOM HEAD SHEAVE is NOT ERECTED.

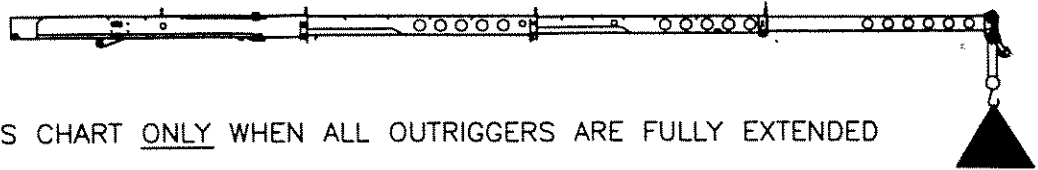
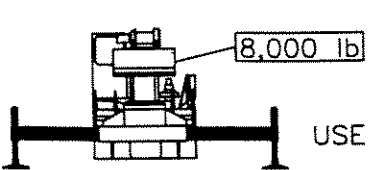
SET-UP:

1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on tires depend on appropriate inflation pressure and tire condition. Caution must be exercised when increasing air pressures in tires. Consult Operator's Manual for precautions.
3. Use of jibs, lattice-type boom extensions, or fourth section pullout extended is not permitted for pick and carry operations.

OPERATION:

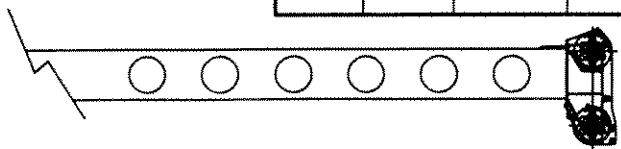
1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
2. When either radius or boom length, or both, are between listed values, the smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched  areas shown on range diagrams) as tipping can occur without a load on the hook.
4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a specified boom length. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.
6. Truck Cranes not equipped with equalizing (bogie) beams between the rear axles may not be used for lifting "on tires". Truck Cranes equipped with equalizing beams and rear air suspension should "dump" the air before lifting "on tires".





USE THIS CHART ONLY WHEN ALL OUTRIGGERS ARE FULLY EXTENDED

RATED LOAD ON OUTRIGGERS											
LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)
BOOM LENGTH 35 FT				BOOM LENGTH 50 FT				BOOM LENGTH 65 FT			
10	66.7	80000*	80000*	10	73.9	48000*	48000*				
12	63.1	80000*	80000*	12	71.5	48000*	48000*				
15	57.5	65040*	65040*	15	67.9	48000*	48000*	15	73.2	46960*	46960*
20	47.1	46880*	46880*	20	61.5	47840*	47840*	20	68.5	41680*	41680*
25	34.5	35840*	29520	25	54.8	36880*	30560	25	63.7	37440*	31040
30	14.8	27520	20080	30	47.4	28800	21360	30	58.6	29200	21760
31.2	0	16720*	16720*	35	39.0	21840	15840	35	53.3	22320	16240
				40	28.8	17200	12080	40	47.6	17680	12560
BOOM LENGTH 80 FT				45	12.4	13760	9360	45	41.3	14400	10000
				46.2	0	10160*	8720	50	34.1	11920	8000
				BOOM LENGTH 95 FT				55	25.2	9920	6400
								60	10.9	8320	5120
								61.2	0	6640*	4800
20	72.7	30880*	30880*	BOOM LENGTH 110 FT							
25	68.9	26800*	26800*	25	72.3	23360*	23360*				
30	65.0	23600*	22000	30	69.1	20640*	20640*	30	72.1	18240*	18240*
35	61.0	21120*	16480	35	65.9	18320*	16560	35	69.3	16320*	16320*
40	56.8	17920	12800	40	62.5	16560*	12960	40	66.5	14640*	13040
45	52.4	14640	10240	45	59.1	14800	10320	45	63.6	13120*	10480
50	47.7	12160	8240	50	55.5	12320	8400	50	60.7	11840*	8480
55	42.7	10240	6720	55	51.7	10400	6880	55	57.7	10480	6960
60	37.1	8720	5520	60	47.8	8880	5680	60	54.5	8960	5760
65	30.6	7440	4480	65	43.6	7600	4720	65	51.3	7760	4800
70	22.6	6320	3680	70	39.0	6560	3840	70	47.8	6640	4000
75	9.8	5440	2880	75	33.9	5680	3120	75	44.2	5760	3280
76.2	0	4400*	2720	80	28.1	4880	2560	80	40.4	5040	2720
				85	20.8	4240	2000	85	36.1	4400	2160
				90	9.0	3600	1520	90	31.5	3760	1680
				91.2	0	2880*	1360	95	26.0	3280	1280
								100	19.3	2800	880
								105	8.4	2320	560
								106.17	0	1840*	480




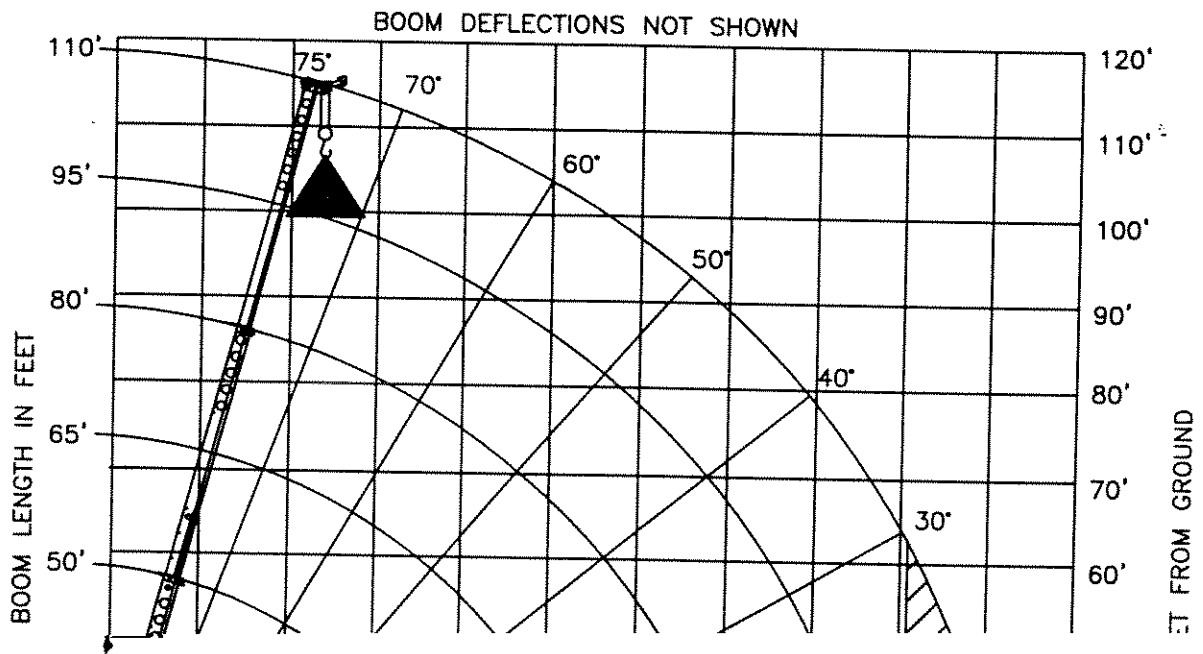
Add 100lbs to the chart values if the AUX BOOM HEAD SHEAVE is NOT ERECTED.

SET--UP:


1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on outriggers are based on all outrigger beams being fully extended and the tires raised free of the supporting surface.

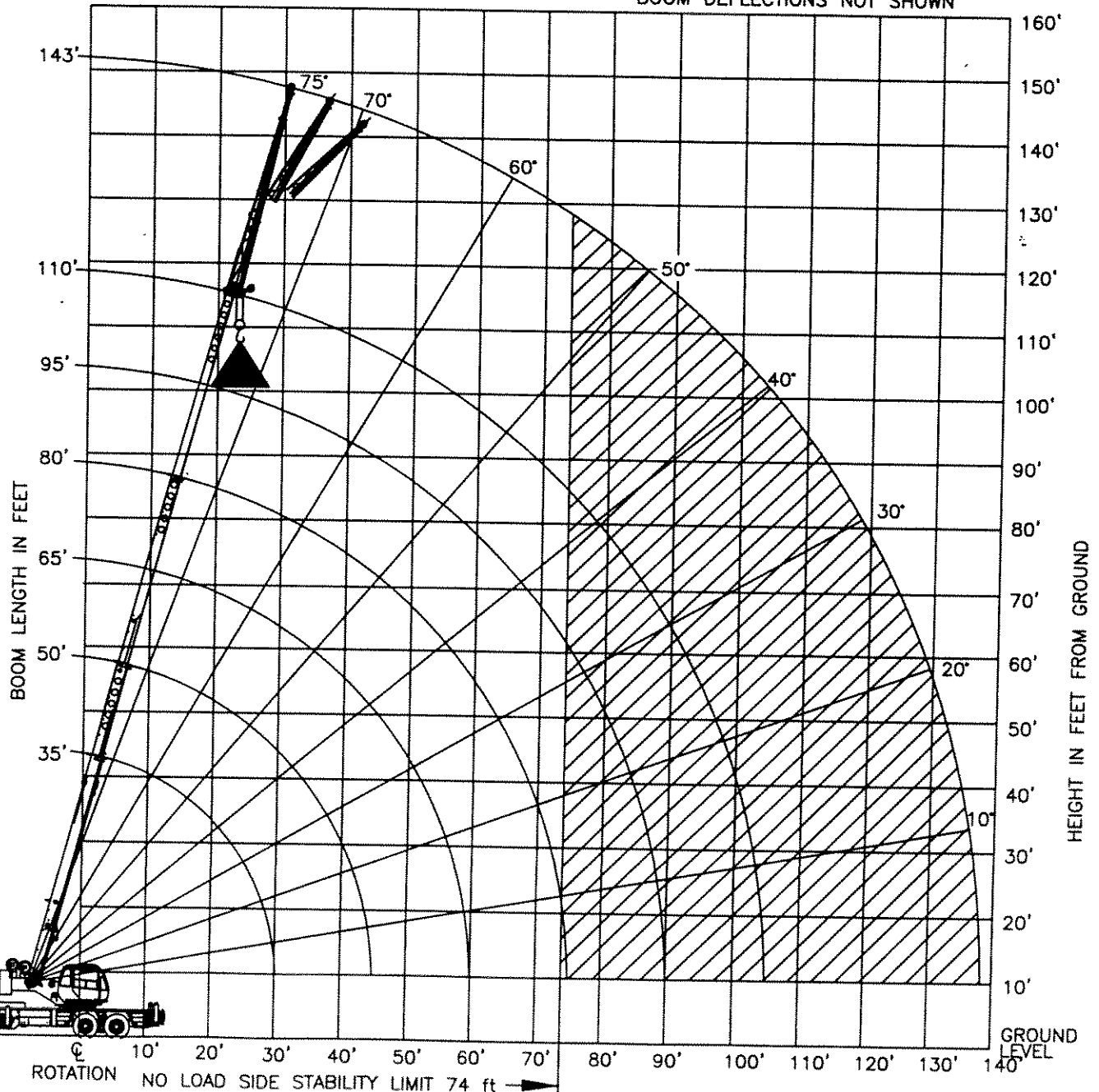
OPERATION:

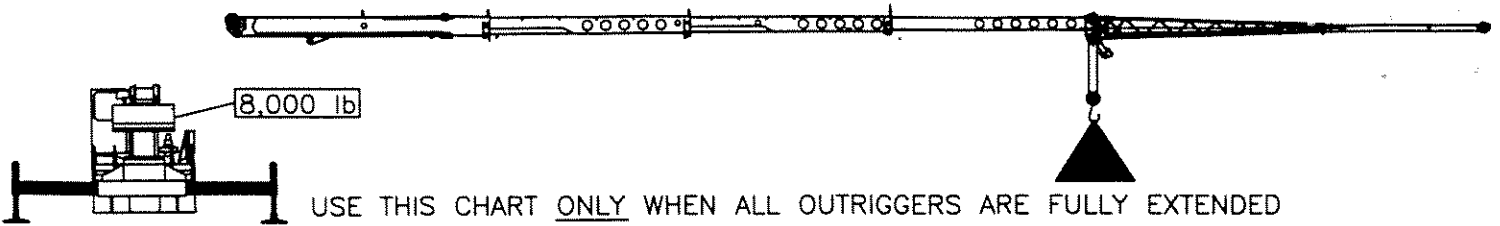
1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
2. When either radius or boom length, or both, are between listed values, the smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched  areas shown on range diagrams) as tipping can occur without a load on the hook.
4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a specified boom length. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.



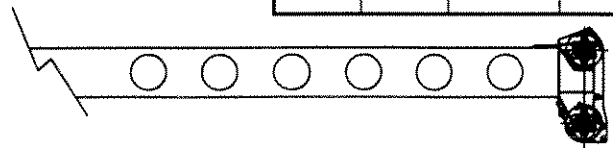
OPERATION:

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4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a fully extended boom. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.
6. For all boom lengths less than the maximum with the jib erected, the rated loads are determined by boom angle only in the appropriate column.
7. For boom angles not shown, use the capacity of the next lower angle.
8. Listed radii are for fully extended boom only. BOOM DEFLECTIONS NOT SHOWN






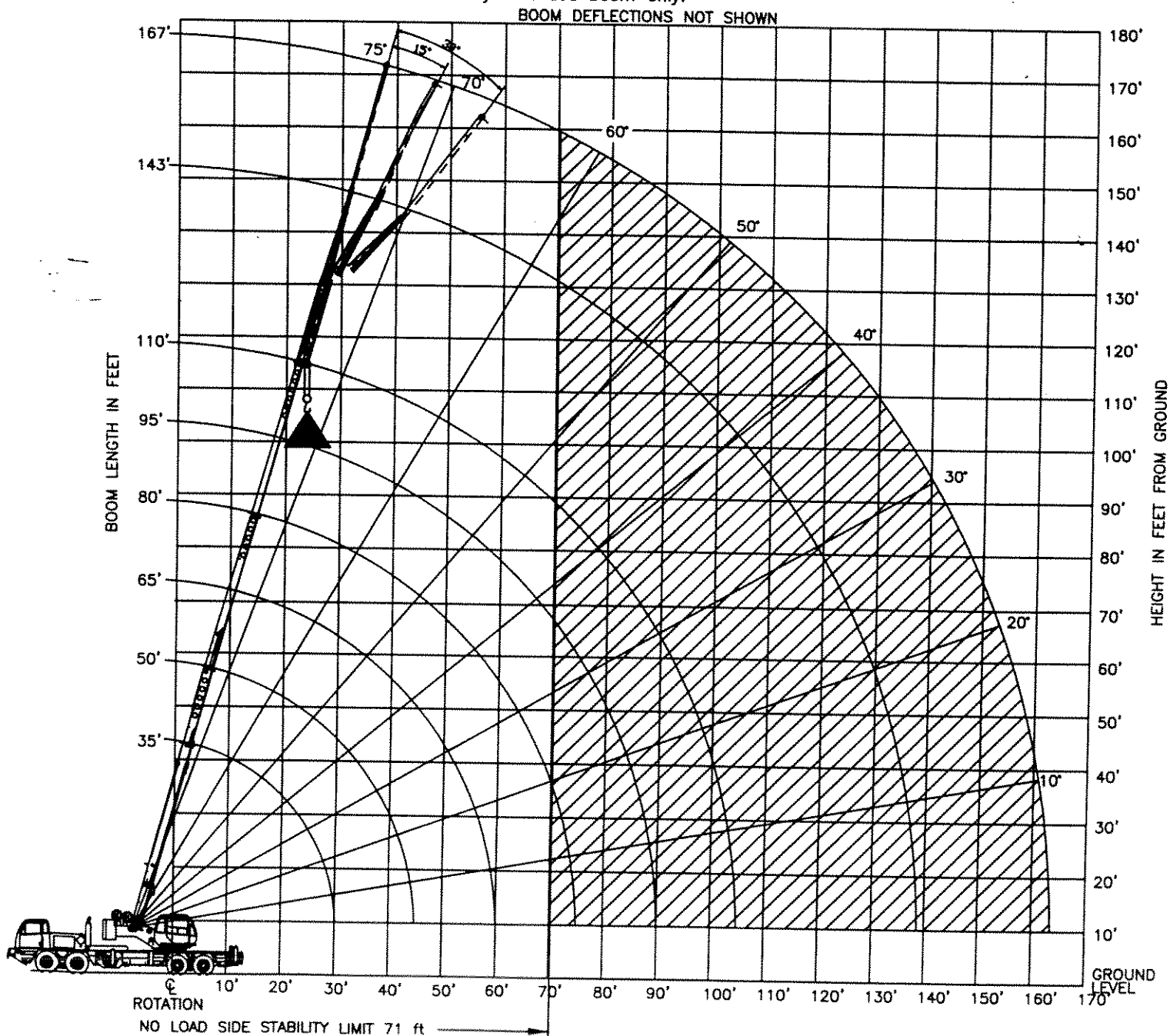
RATED LOAD ON OUTRIGGERS											
LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)
BOOM LENGTH 35 FT				BOOM LENGTH 50 FT				BOOM LENGTH 65 FT			
10	66.7	80000*	80000*	10	73.9	48000*	48000*				
12	63.1	80000*	80000*	12	71.5	48000*	48000*				
15	57.5	62640*	62640*	15	67.9	48000*	48000*	15	73.2	46960*	46960*
20	47.1	44640*	44640*	20	61.5	45760*	45760*	20	68.5	41680*	41680*
25	34.5	33760*	26800	25	54.8	34880*	28240	25	63.7	35360*	28960
30	14.8	25200	17680	30	47.4	26640	19120	30	58.6	27280	19760
31.2	0	15040*	15040*	35	39.0	19760	13680	35	53.3	20400	14320
				40	28.8	15200	10080	40	47.6	15840	10720
BOOM LENGTH 80 FT				45	12.4	11920	7520	45	41.3	12640	8160
				46.2	0	8480*	6880	50	34.1	10160	6240
				BOOM LENGTH 95 FT				55	25.2	8240	4720
								60	10.9	6720	3520
								61.2	0	5040*	3200
20	72.7	30880*	30880*					BOOM LENGTH 110 FT			
25	68.9	26800*	26800*	25	72.3	23360*	23360*				
30	65.0	23600*	20160	30	69.1	20640*	20400*	30	72.1	18240*	18240*
35	61.0	20800*	14720	35	65.9	18320*	14960	35	69.3	16320*	15120*
40	56.8	16160	11120	40	62.5	16400*	11280	40	66.5	14640*	11440
45	52.4	12960	8480	45	59.1	13200	8720	45	63.6	13120*	8880
50	47.7	10480	6560	50	55.5	10720	6800	50	60.7	10880*	6960
55	42.7	8640	5120	55	51.7	8800	5280	55	57.7	8960	5440
60	37.1	7120	3920	60	47.8	7280	4080	60	54.5	7440	4240
65	30.6	5840	2880	65	43.6	6080	3120	65	51.3	6240	3280
70	22.6	4800	2080	70	39.0	5040	2320	70	47.8	5200	2480
75	9.8	3840		75	33.9	4160		75	44.2	4320	1760
76.2	0	2800*		80	28.1	3360		80	40.4	3520	
				85	20.8	2720		85	36.1	2880	
				90	9.0	2160		90	31.5	2320	
				91.2	0	1360*		95	26.0	1840	
								100	19.3	1360	
								105	8.4		
								106.17	0		

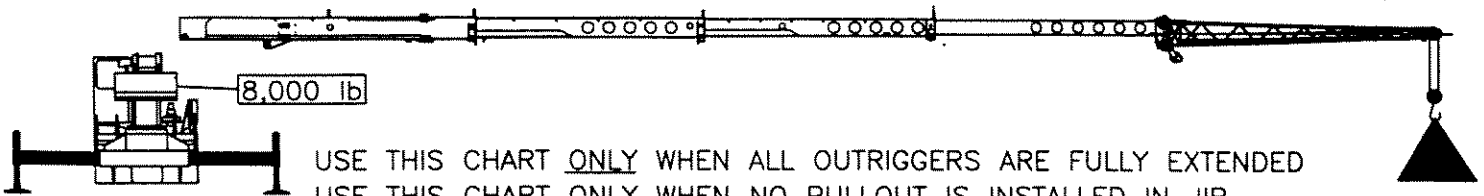


Add 100Lbs to the chart values if the AUX BOOM HEAD SHEAVE is NOT ERECTED.

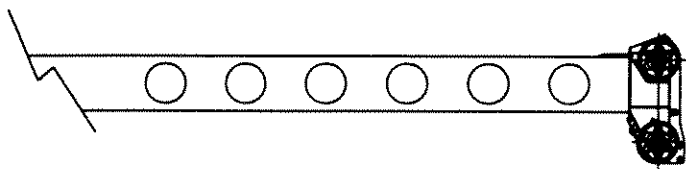
OPERATION:

1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
2. When either radius or boom angle, or both, are between listed values, the smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched  areas shown on range diagrams) as tipping can occur without a load on the hook.
4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a fully extended boom. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.
6. For all boom lengths less than the maximum with the jib erected, the rated loads are determined by boom angle only in the appropriate column.
7. For boom angles not shown, use the capacity of the next lower angle.
8. Listed radii are for fully extended boom only.





32 FT OFFSET JIB									
LOADED BOOM ANGLE (DEG)	0° OFFSET			15° OFFSET			30° OFFSET		
	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)
75	41'	10000*	7280	48'	6720*	6720*	55'	5200*	5200*
73	46'	9440*	6880	53'	6480*	6480*	59'	5040*	5040*
71	52'	8960*	6480	58'	6160*	6160*	64'	4960*	4960*
68	58'	8240*	5760	64'	5840*	5840*	69'	4720*	4720*
65	65'	7600*	5120	70'	5600*	5040	75'	4640*	4640*
62	71'	7040*	4560	76'	5360*	4240	81'	4480*	3920
59	78'	5760	3920	82'	5120*	3600	87'	4320*	3360
55	85'	4800	3040	89'	4640	2800	94'	4160*	2720
51	91'	4080	2400	97'	4000	2240	101'	3760	2160
47	97'	3520	1840	104'	3360	1680	107'	3280	1680
43	104'	2960	1360	110'	2880	1280	112'	2880	1360
38	112'	2480	960	117'	2320	880	118'	2320	960
32	120'	2000	560	124'	1920	480	126'	1840	480
25	126'	1600		129'	1600				
17	132'	1280		134'	1200				
0	138'	320*							




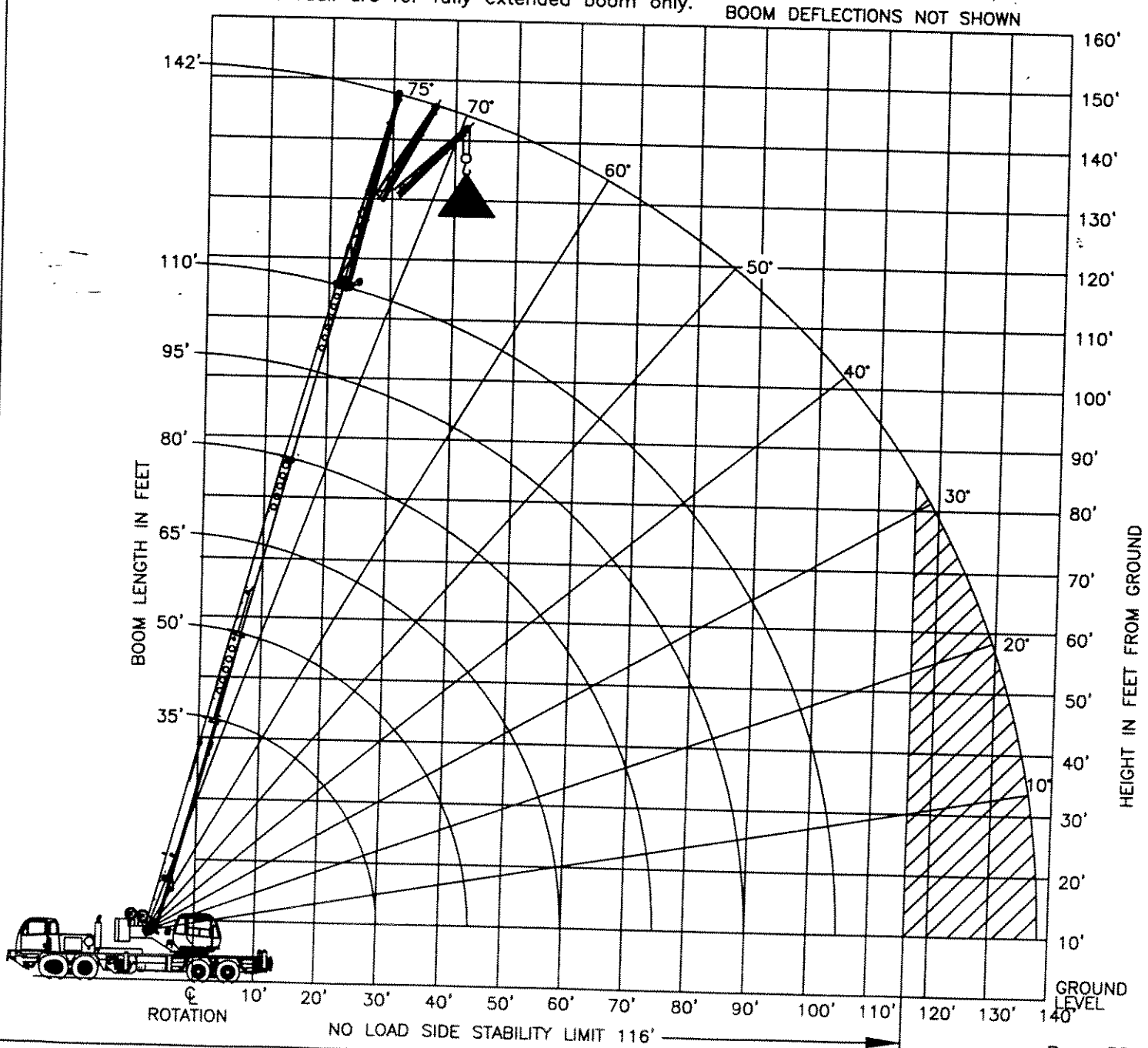
Add 100Lbs to the chart values if the AUX BOOM HEAD SHEAVE is NOT ERECTED.

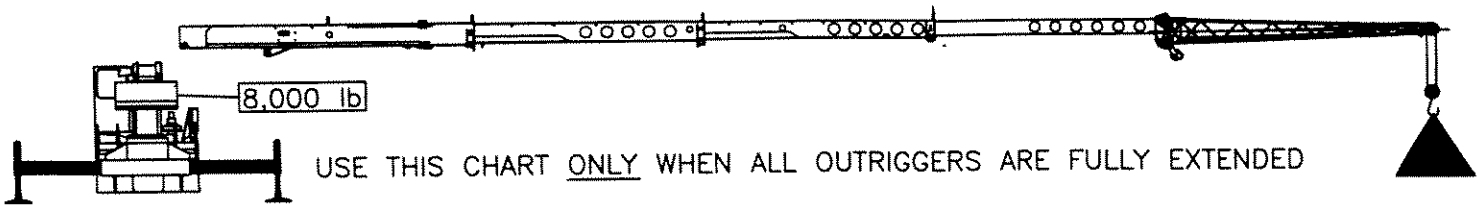
SET-UP:

1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on outriggers are based on all outrigger beams being fully extended and the tires raised free of the supporting surface.

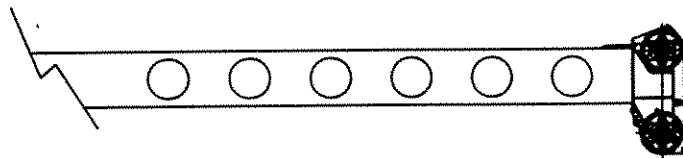
OPERATION:

1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
2. When either radius or boom angle, or both, are between listed values, the smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched  areas shown on range diagrams) as tipping can occur without a load on the hook.
4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a fully extended boom. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.
6. For all boom lengths less than the maximum with the jib erected, the rated loads are determined by boom angle only in the appropriate column.
7. For boom angles not shown, use the capacity of the next lower angle.
8. Listed radii are for fully extended boom only.





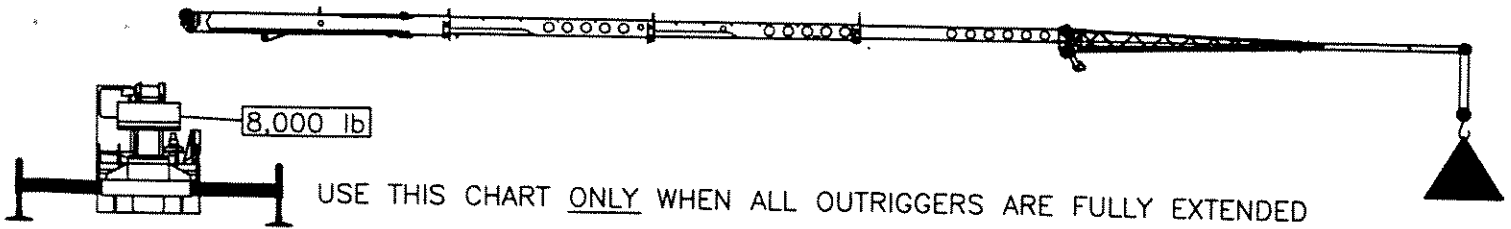
33 FT OFFSET JIB									
LOADED BOOM ANGLE (DEG)	0° OFFSET			15° OFFSET			30° OFFSET		
	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)
75	42'	10000*	6480	49'	6720*	6720*	56'	5200*	5200*
73	47'	9440*	6080	54'	6480*	6480*	60'	5040*	5040*
71	53'	8960*	5760	59'	6160*	6160*	65'	4960*	4960*
68	60'	8240*	5200	66'	5840*	5840*	71'	4720*	4720*
65	67'	7600*	4640	72'	5600*	4560	77'	4640*	4080
62	73'	7040*	4080	78'	5360*	3760	83'	4480*	3360
59	80'	5280	3440	84'	4960	3120	89'	4320*	2800
55	87'	4240	2560	91'	4080	2320	96'	3840	2160
51	93'	3600	1920	99'	3440	1760	103'	3280	1680
47	99'	3040	1360	106'	2880	1200	109'	2800	1200
43	106'	2480	880	112'	2400	800	114'	2320	880
38	114'	2000	480	119'	1840	400	120'	1840	480
32	121'	1520		125'	1440		127'	1360	
25	128'	1120		131'	1120				
17	134'	800		136'	720				
0	140'	320*							



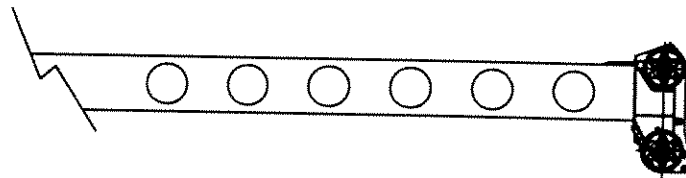
Add 100Lbs to the chart values if the AUX BOOM HEAD SHEAVE is NOT ERECTED.

SET-UP:

1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on outriggers are based on all outrigger beams being fully extended and the tires raised free of the supporting surface.



57 FT OFFSET JIB									
LOADED BOOM ANGLE (DEG)	0° OFFSET			15° OFFSET			30° OFFSET		
	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)
75	50'	5200*	5200*	64'	3600*	3600*	74'	2640*	2640*
73	56'	4880*	4880*	69'	3440*	3440*	79'	2560*	2560*
71	62'	4640*	4640*	75'	3280*	3280*	85'	2480*	2480*
68	70'	4400*	4400*	82'	3040*	3040*	91'	2400*	2400*
65	78'	4080*	3840	90'	2880*	2880*	97'	2320*	2320*
62	86'	3760*	3280	97'	2720*	2720*	104'	2240*	2240*
59	95'	3520*	2720	104'	2640*	2240	110'	2160*	2160*
55	105'	3200*	2000	112'	2480*	1760	117'	2080*	1600
51	114'	2800	1520	120'	2320*	1280	124'	2080*	1200
47	122'	2320	1040	127'	2160	960	130'	2000*	880
43	129'	1920	720	134'	1760	640	136'	1680	560
38	137'	1520		141'	1440		142'	1360	
32	145'	1120		148'	1040		149'	1040	
25	152'	720		154'	720				
17	159'	480		159'	400				




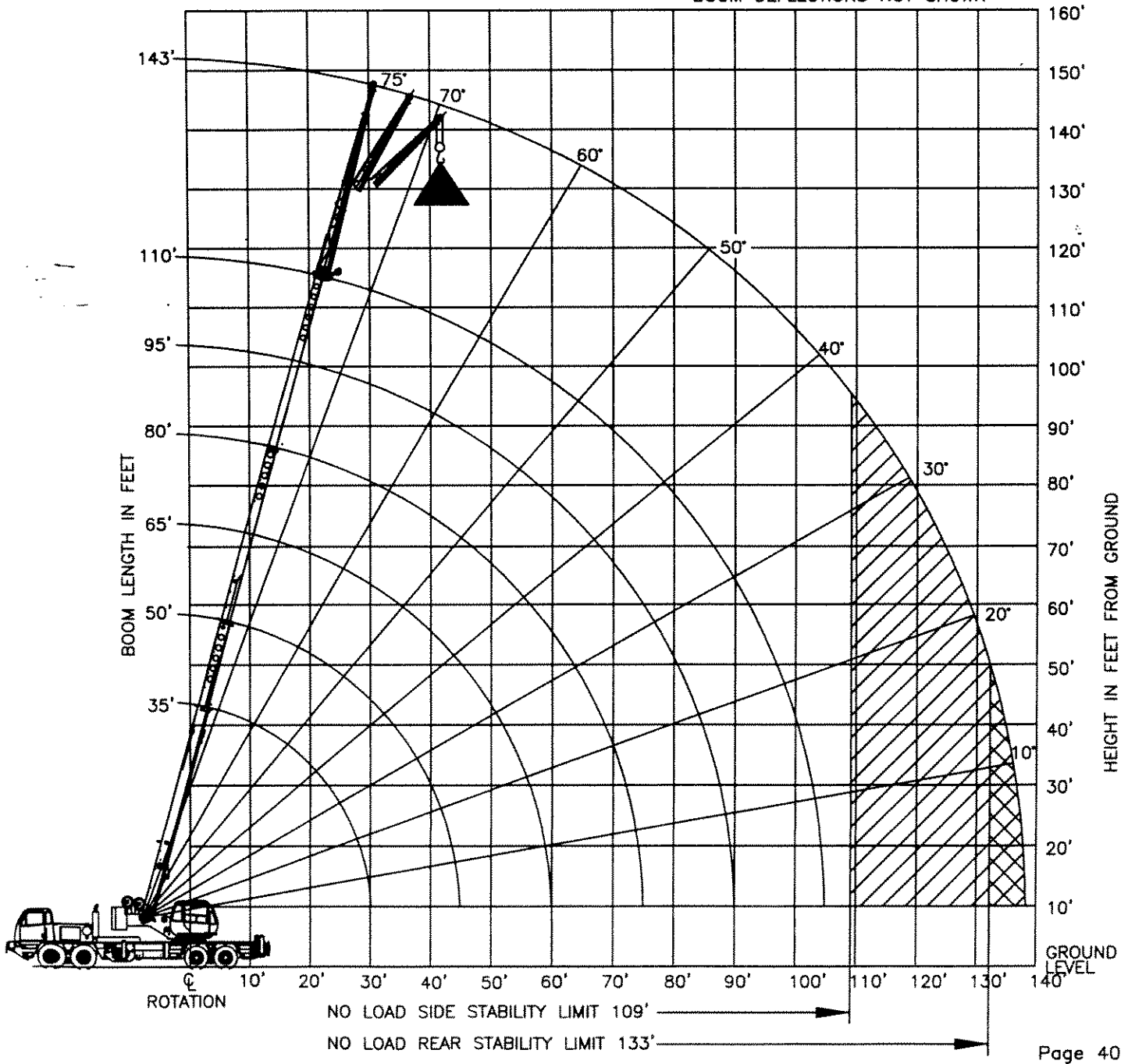
Add 100Lbs to the chart values if the AUX BOOM HEAD SHEAVE is NOT ERECTED.

SET-UP:


1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on outriggers are based on all outrigger beams being fully extended and the tires raised free of the supporting surface.

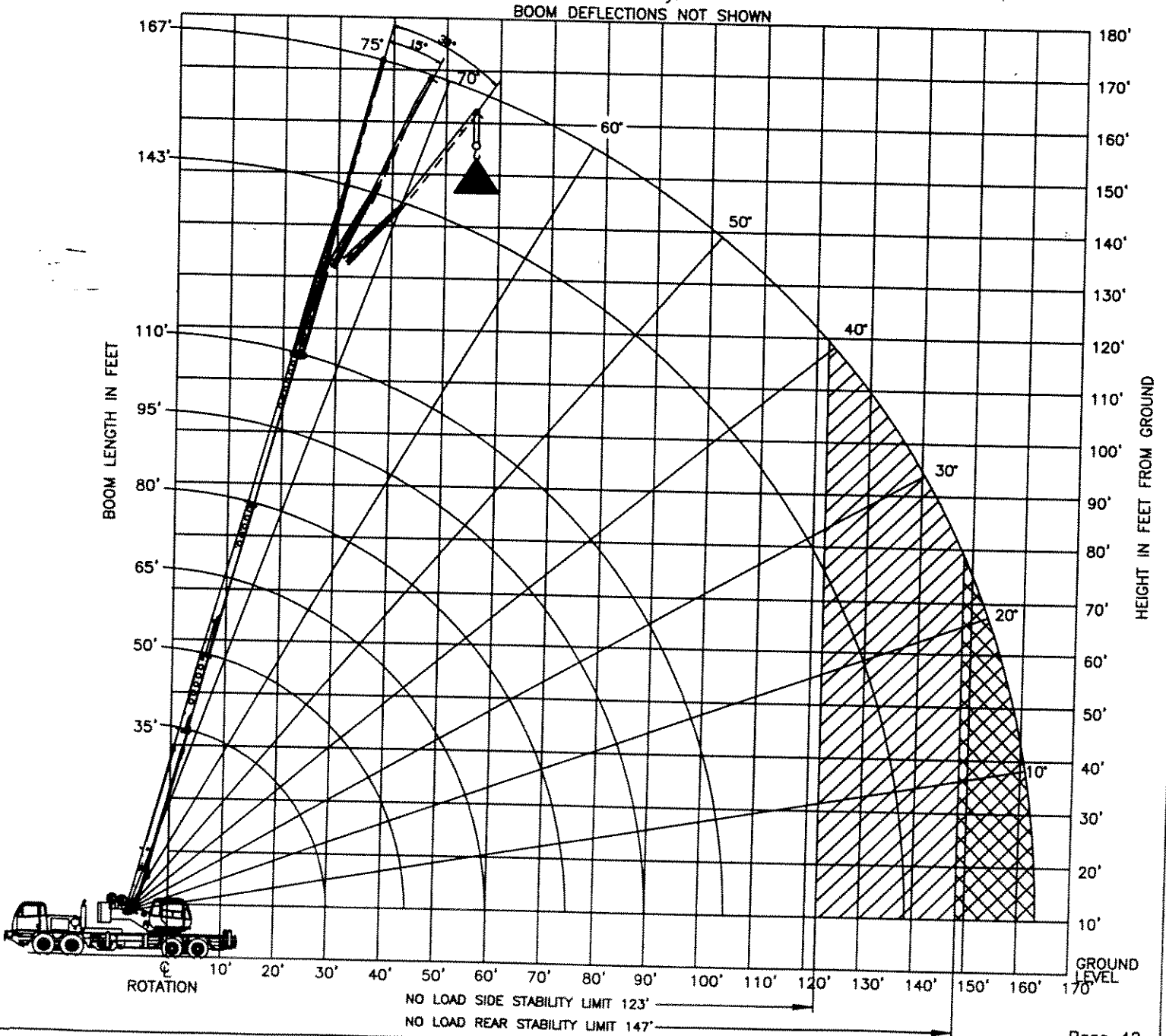
OPERATION:

1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
2. When either radius or boom angle, or both, are between listed values, the smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched  areas shown on range diagrams) as tipping can occur without a load on the hook.
4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a fully extended boom. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.
6. For all boom lengths less than the maximum with the jib erected, the rated loads are determined by boom angle only in the appropriate column.
7. For boom angles not shown, use the capacity of the next lower angle.
8. Listed radii are for fully extended boom only. BOOM DEFLECTIONS NOT SHOWN

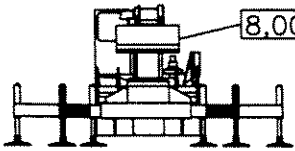


OPERATION:

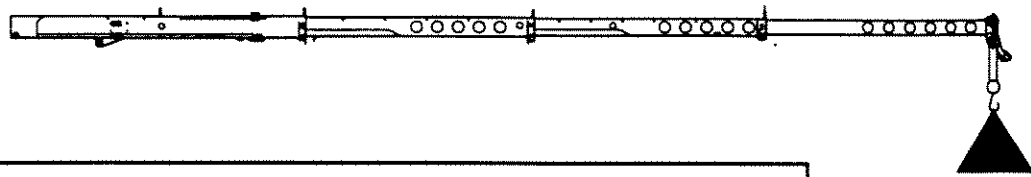
1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
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5. Power telescoping boom sections must be extended equally.
6. For all boom lengths less than the maximum with the jib erected, the rated loads are determined by boom angle only in the appropriate column.
7. For boom angles not shown, use the capacity of the next lower angle.
8. Listed radii are for fully extended boom only.



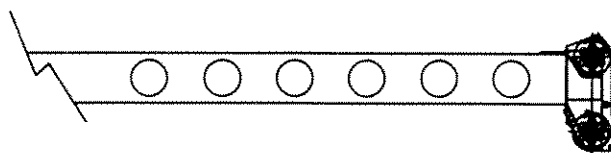
USE THIS CHART WHEN ALL OUTRIGGERS ARE PINNED IN THE MID POSITION



8,000 lb



RATED LOAD ON OUTRIGGERS								
LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	360° (LB)
BOOM LENGTH 35 FT			BOOM LENGTH 50 FT			BOOM LENGTH 65 FT		
10.0	66.7	80000*	10.0	73.9	48000*			
12.0	63.1	71840*	12.0	71.5	48000*			
15.0	57.5	43120	15.0	67.9	44160	15.0	73.2	44720
20.0	47.1	23600	20.0	61.5	24640	20.0	68.5	25040
25.0	34.5	14880	25.0	54.8	16000	25.0	63.7	16400
30.0	14.8	9920	30.0	47.4	11120	30.0	58.6	11600
31.2	.0	8880	35.0	39.0	7920	35.0	53.3	8480
			40.0	28.8	5680	40.0	47.6	6240
BOOM LENGTH 80 FT			45.0	12.4	4000	45.0	41.3	4640
			46.2	.0	3520	50.0	34.1	3360
			BOOM LENGTH 95 FT			55.0	25.2	2320
						60.0	10.9	1440
						61.2	.0	1200
20.0	72.7	25280				BOOM LENGTH 110 FT		
25.0	68.9	16640	25.0	72.3	16800			
30.0	65.0	11760	30.0	69.1	11920	30.0	72.1	12080
35.0	61.0	8640	35.0	65.9	8800	35.0	69.3	8880
40.0	56.8	6480	40.0	62.5	6640	40.0	66.5	6720
45.0	52.4	4880	45.0	59.1	5040	45.0	63.6	5120
50.0	47.7	3680	50.0	55.5	3840	50.0	60.7	3920
55.0	42.7	2640	55.0	51.7	2880	55.0	57.7	2960
60.0	37.1	1840	60.0	47.8	2000	60.0	54.5	2160
65.0	30.6	1120	65.0	43.6	1360	65.0	51.3	1520
			70.0	39.0	800	70.0	47.8	960




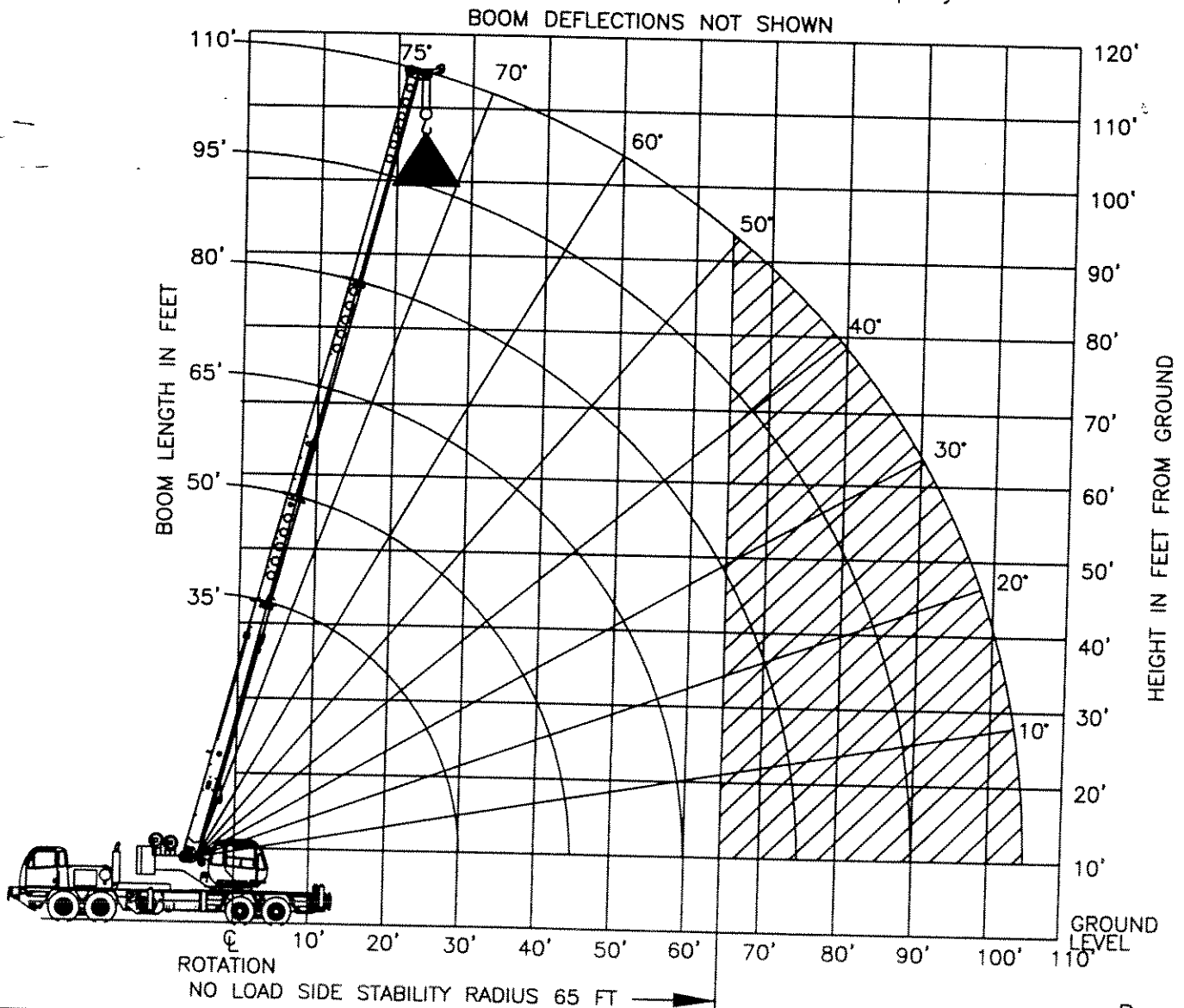
Add 100Lbs to the chart values if the AUX BOOM HEAD SHEAVE is NOT ERECTED.

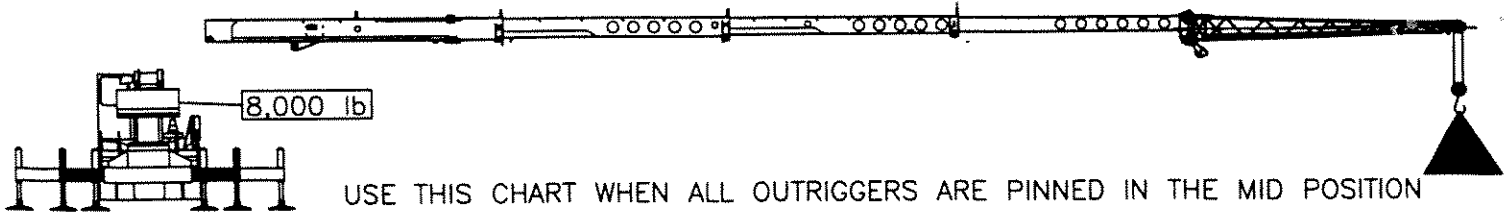
SET-UP:

1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on outriggers are based on all outrigger beams being fully extended, or in the case of partial extension ratings mechanically pinned in the appropriate position, and the tires free of the supporting surface.

OPERATION:

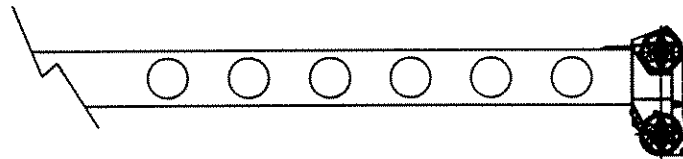
1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
2. When either radius or boom length, or both, are between listed values, the smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched  areas shown on range diagrams) as tipping can occur without a load on the hook.
4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a specified boom length. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.





USE THIS CHART WHEN ALL OUTRIGGERS ARE PINNED IN THE MID POSITION
 USE THIS CHART ONLY WHEN NO PULLOUT IS INSTALLED IN JIB

32 FT OFFSET JIB						
LOADED BOOM ANGLE (DEG)	0° OFFSET		15° OFFSET		30° OFFSET	
	(REF) LOAD RADIUS (FT)	360° (LB)	(REF) LOAD RADIUS (FT)	360° (LB)	(REF) LOAD RADIUS (FT)	360° (LB)
75	41'	6640	48'	5040	55'	4480
73	46'	5600	53'	4320	59'	3920
71	52'	4720	58'	3760	64'	3360
68	58'	3440	64'	2880	69'	2640
65	65'	2480	70'	2240	75'	2080
62	71'	1760	76'	1680	81'	1520
59	78'	1120	82'	1040	87'	1040



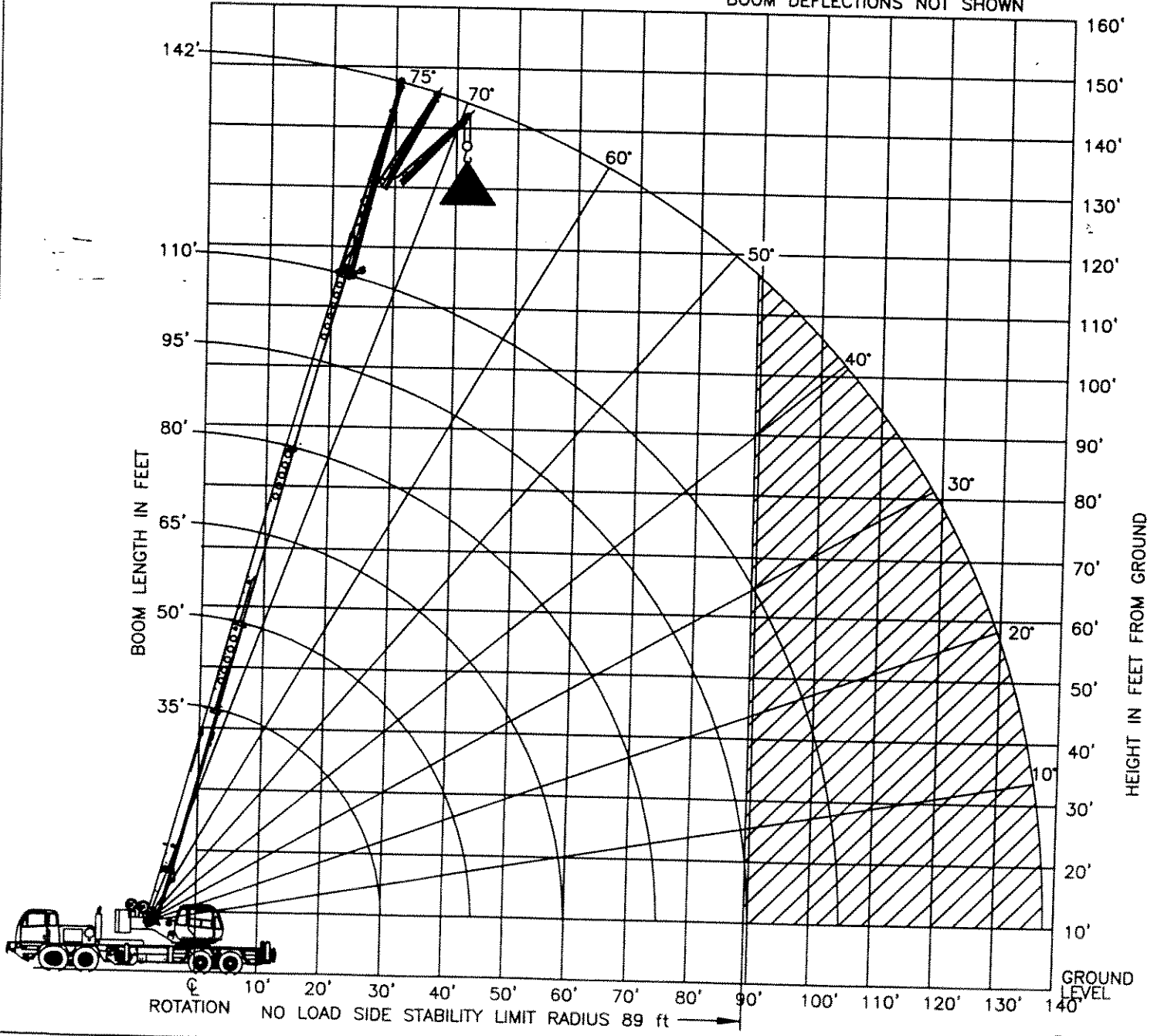
Add 100Lbs to the chart values if the AUX BOOM HEAD SHEAVE is NOT ERECTED.

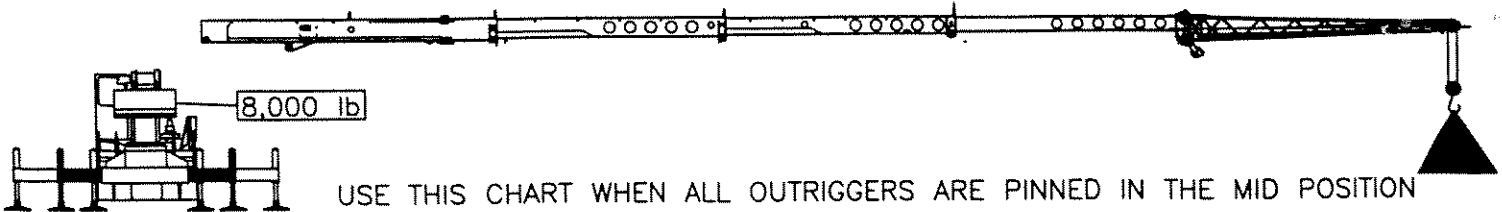
SET-UP:

1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on outriggers are based on all outrigger beams being fully extended, or in the case of partial extension ratings mechanically pinned in the appropriate position, and the tires free of the supporting surface.

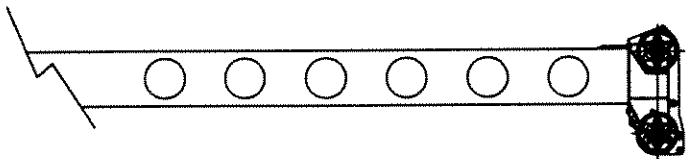
OPERATION:

1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
2. When either radius or boom angle, or both, are between listed values, the smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched areas shown on range diagrams) as tipping can occur without a load on the hook.
4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a fully extended boom. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.
6. For all boom lengths less than the maximum with the jib erected, the rated loads are determined by boom angle only in the appropriate column.
7. For boom angles not shown, use the capacity of the next lower angle.
8. Listed radii are for fully extended boom only. **BOOM DEFLECTIONS NOT SHOWN**





33 FT OFFSET JIB						
LOADED BOOM ANGLE (DEG)	0° OFFSET		15° OFFSET		30° OFFSET	
	(REF) LOAD RADIUS (FT)	360° (LB)	(REF) LOAD RADIUS (FT)	360° (LB)	(REF) LOAD RADIUS (FT)	360° (LB)
75	42'	5840	49'	4400	56'	3920
73	47'	4880	54'	3760	60'	3360
71	53'	4080	59'	3200	65'	2880
68	60'	2960	66'	2400	71'	2160
65	67'	2080	72'	1760	77'	1600
62	73'	1280	78'	1200	83'	1040
59	80'	640	84'	640		



Add 100Lbs to the chart values if the AUX BOOM HEAD SHEAVE is NOT ERECTED.


SET-UP:

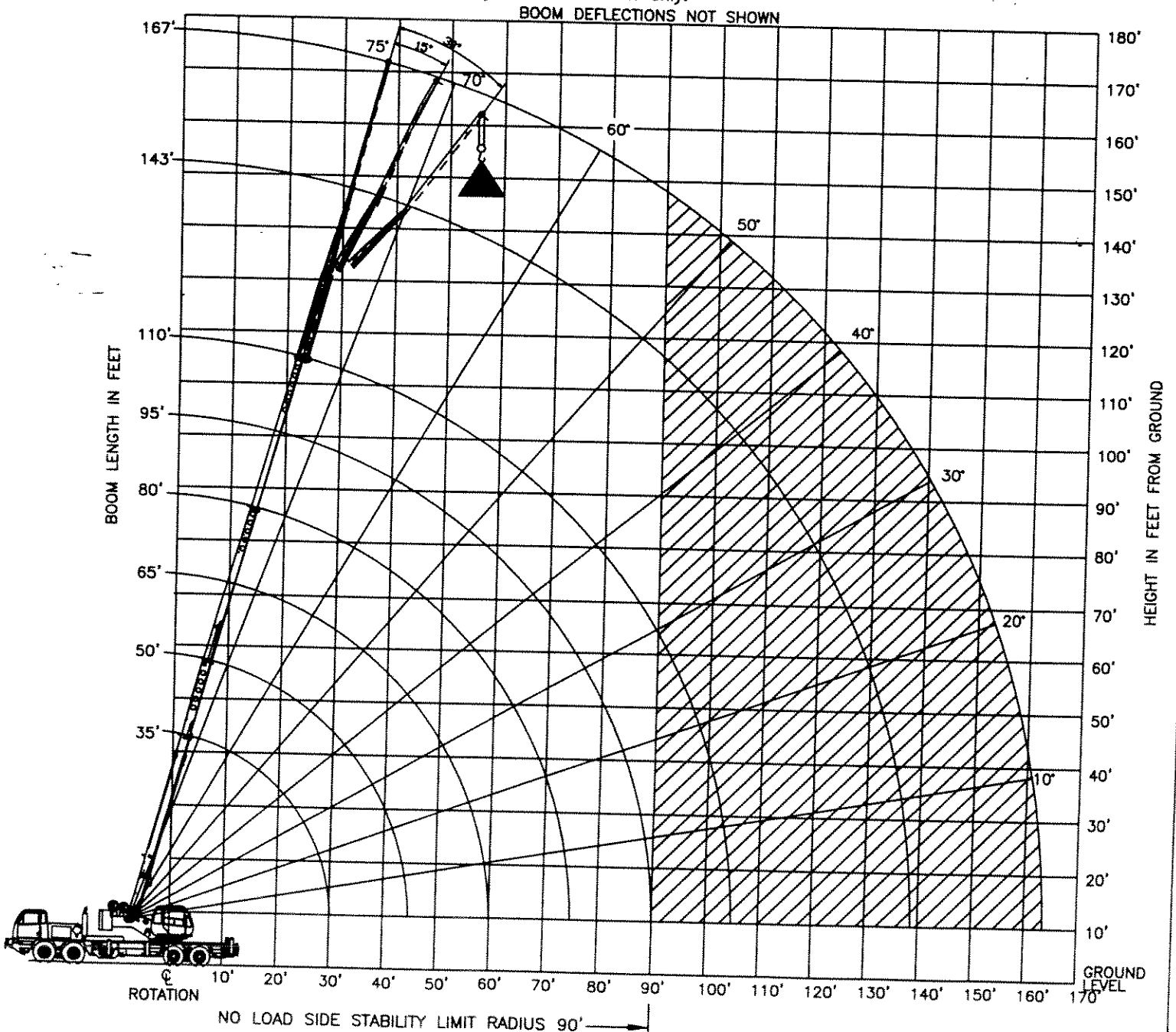
1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on outriggers are based on all outrigger beams being fully extended, or in the case of partial extension ratings mechanically pinned in the appropriate position, and the tires free of the supporting surface.

OPERATION:

1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO EXCEED

OPERATION:

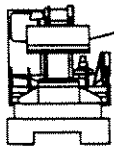
1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
2. When either radius or boom angle, or both, are between listed values, the smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched  areas shown on range diagrams) as tipping can occur without a load on the hook.
4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a fully extended boom. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.
6. For all boom lengths less than the maximum with the jib erected, the rated loads are determined by boom angle only in the appropriate column.
7. For boom angles not shown, use the capacity of the next lower angle.
8. Listed radii are for fully extended boom only.



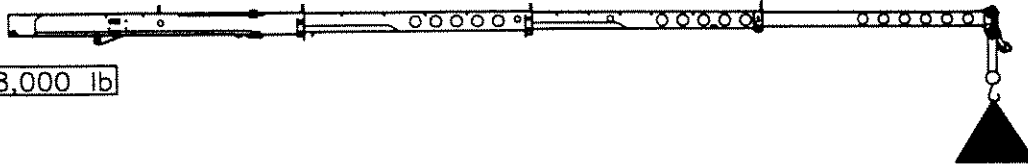
SET-UP:

1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on outriggers are based on all outrigger beams being fully extended, or in the case of partial extension ratings mechanically pinned in the appropriate position, and the tires free of the supporting surface.

END OF PAGE




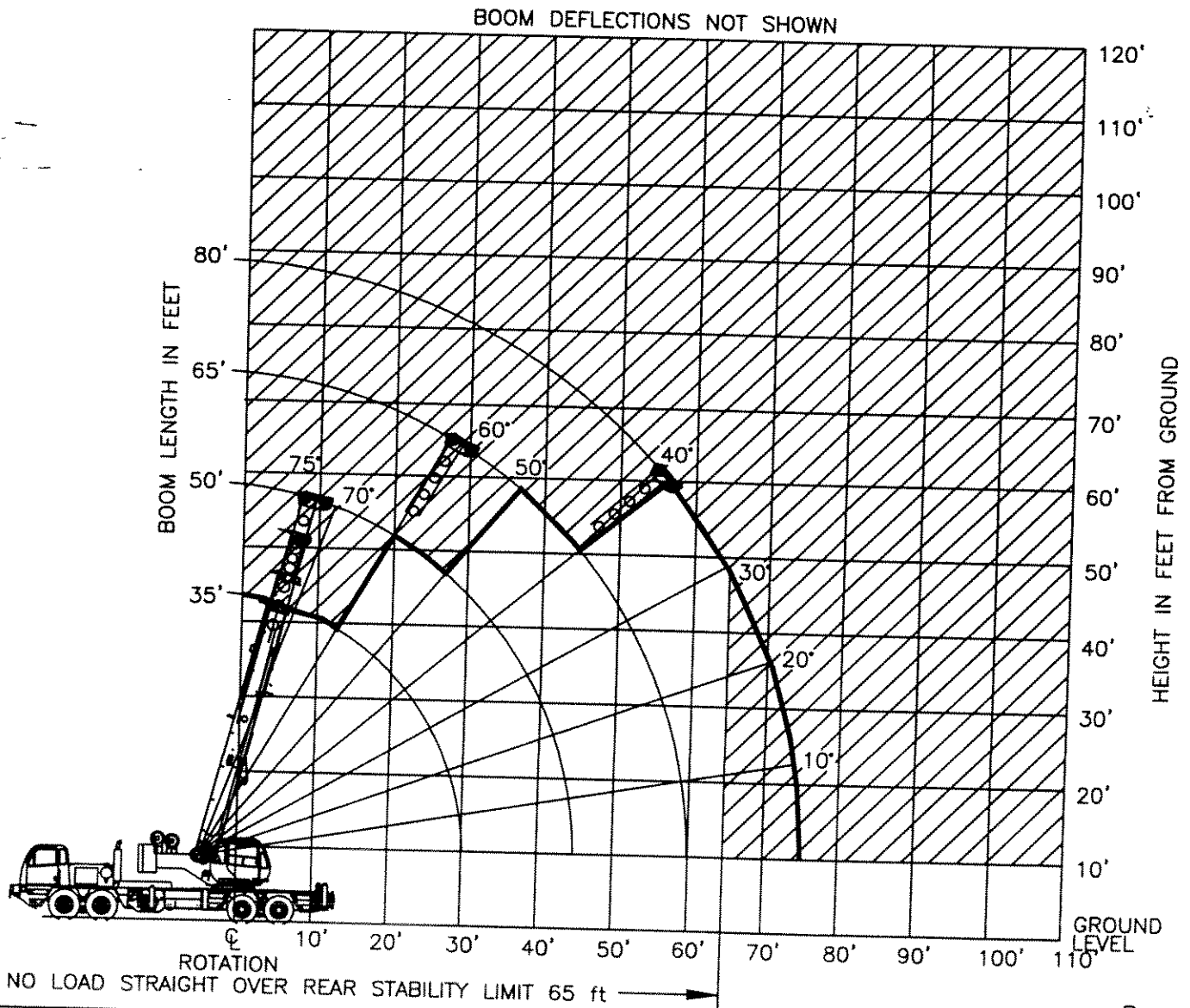
8,000 lb

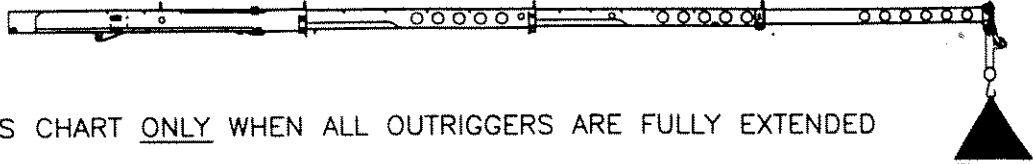
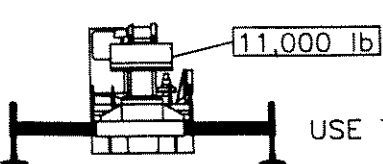


ON TIRES				
RADIUS (FT)	MAX BOOM LENGTH (FT)	ALL		
		STATIONARY	PICK & CARRY	
			CREEP	2.5 MPH
		STRAIGHT OVER REAR		
10	35'	17200	17200	12800*
12	35'	16300	16300	11440*

OPERATION:

1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
2. When either radius or boom length, or both, are between listed values, the smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched  areas shown on range diagrams) as tipping can occur without a load on the hook.
4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a specified boom length. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.
6. Truck Cranes not equipped with equalizing (bogie) beams between the rear axles may not be used for lifting "on tires". Truck Cranes equipped with equalizing beams and rear air suspension should "dump" the air before lifting "on tires".






USE THIS CHART ONLY WHEN ALL OUTRIGGERS ARE FULLY EXTENDED

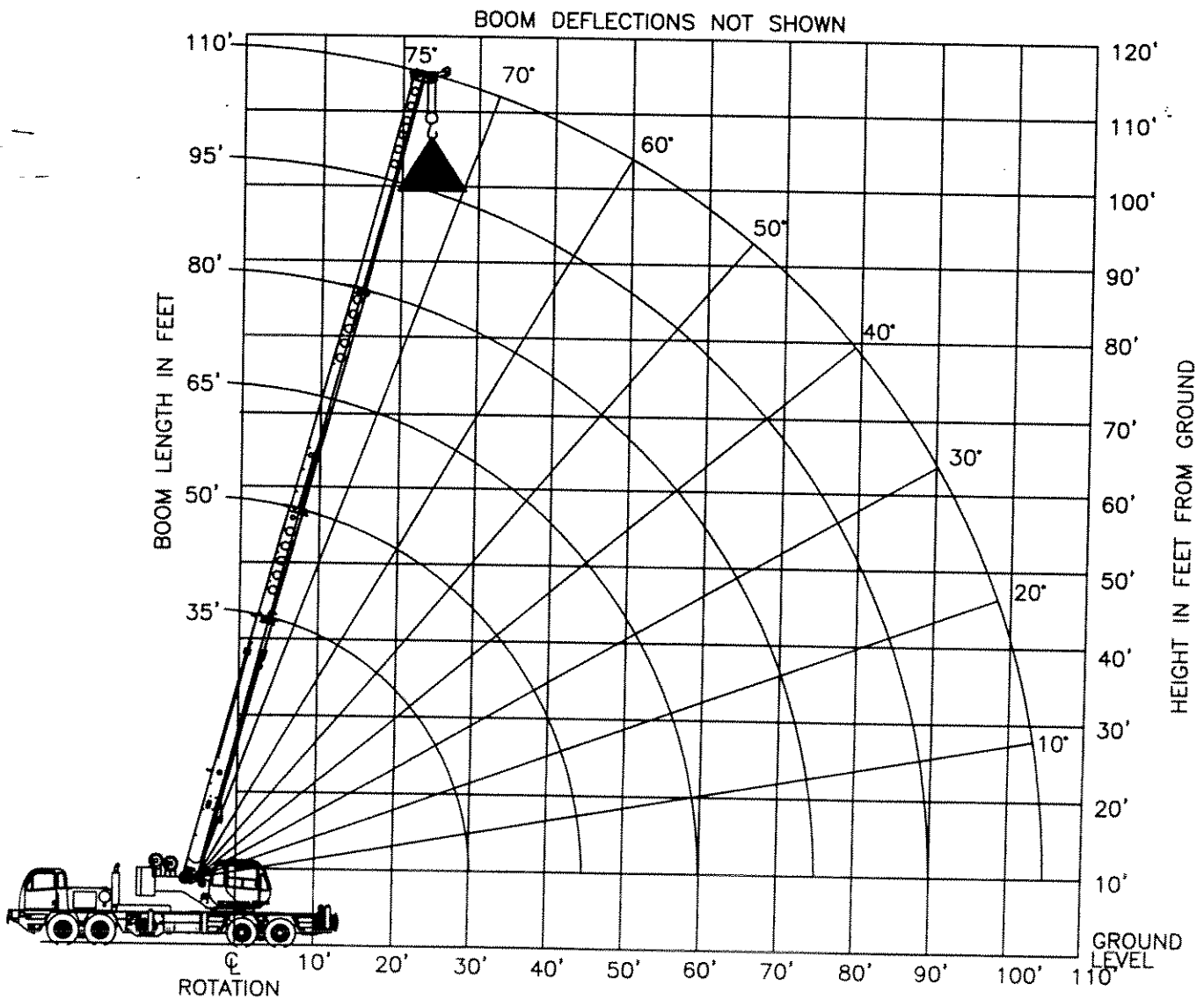
RATED LOAD ON OUTRIGGERS											
LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)
BOOM LENGTH 35 FT				BOOM LENGTH 50 FT				BOOM LENGTH 65 FT			
10	66.7	80000*	80000*	10	73.9	48000*	48000*				
12	63.1	80000*	80000*	12	71.5	48000*	48000*				
15	57.5	66640*	66640*	15	67.9	48000*	48000*	15	73.2	46960*	46960*
20	47.1	48080*	48080*	20	61.5	48000*	48000*	20	68.5	41680*	41680*
25	34.5	36800*	32880	25	54.8	37920*	33920	25	63.7	37440*	34400
30	14.8	29120	22560	30	47.4	30400*	23840	30	58.6	30800	24240
31.2	.0	16720*	16720*	35	39.0	23200	17840	35	53.3	23600	18240
				40	28.8	18320	13760	40	47.6	18800	14240
BOOM LENGTH 80 FT				45	12.4	14800	10800	45	41.3	15440	11440
				46.2	.0	10160*	10080	50	34.1	12800	9280
				BOOM LENGTH 95 FT				55	25.2	10720	7520
								60	10.9	9040	6160
								61.2	.0	6640*	5840
20	72.7	30880*	30880*	BOOM LENGTH 110 FT							
25	68.9	26800*	26800*	25	72.3	23360*	23360*				
30	65.0	23600*	23600*	30	69.1	20640*	20640*	30	72.1	18240*	18240*
35	61.0	21120*	18480	35	65.9	18320*	18320*	35	69.3	16320*	16320*
40	56.8	19040*	14480	40	62.5	16560*	14640	40	66.5	14640*	14640*
45	52.4	15600	11600	45	59.1	15040*	11760	45	63.6	13120*	11840
50	47.7	13040	9520	50	55.5	13200	9680	50	60.7	11840*	9760
55	42.7	11040	7840	55	51.7	11200	8000	55	57.7	10720*	8080
60	37.1	9440	6560	60	47.8	9600	6720	60	54.5	9760	6800
65	30.6	8160	5440	65	43.6	8320	5600	65	51.3	8400	5760
70	22.6	6960	4480	70	39.0	7200	4720	70	47.8	7360	4800
75	14.2	6000	3680	75	33.0	6320	3920	75	44.2	6400	4080

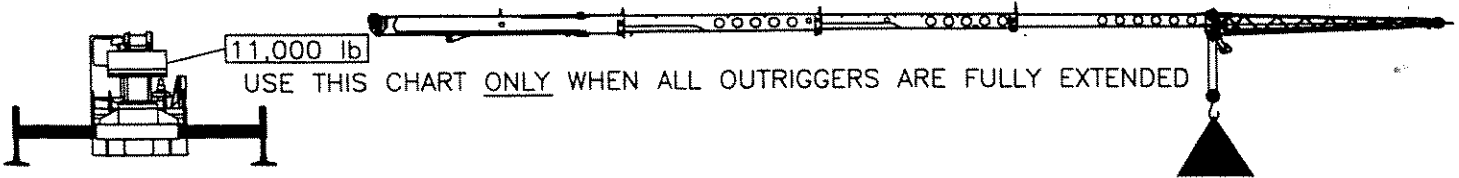
SET-UP:

1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on outriggers are based on all outrigger beams being fully extended and the tires raised free of the supporting surface.

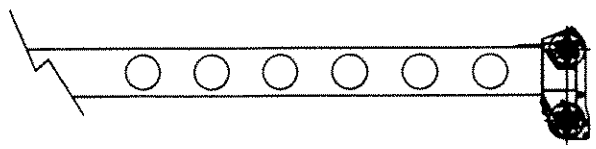
OPERATION:

1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
2. When either radius or boom length, or both, are between listed values, the smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched  areas shown on range diagrams) as tipping can occur without a load on the hook.
4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a specified boom length. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.





RATED LOAD ON OUTRIGGERS											
LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)
BOOM LENGTH 35 FT				BOOM LENGTH 50 FT				BOOM LENGTH 65 FT			
10	66.7	80000*	80000*	10	73.9	48000*	48000*				
12	63.1	80000*	80000*	12	71.5	48000*	48000*				
15	57.5	64880*	64880*	15	67.9	48000*	48000*	15	73.2	46960*	46960*
20	47.1	46400*	46400*	20	61.5	47360*	47360*	20	68.5	41680*	41680*
25	34.5	35200*	30800	25	54.8	36160*	32080	25	63.7	36640*	32720
30	14.8	27360	20720	30	47.4	28640	22000	30	58.6	29200	22640
31.2	.0	15440*	15440*	35	39.0	21520	16080	35	53.3	22000	16640
				40	28.8	16720	12160	40	47.6	17280	12640
BOOM LENGTH 80 FT				45	12.4	13280	9280	45	41.3	13840	9840
				46.2	.0	8800*	8640	50	34.1	11280	7760
				BOOM LENGTH 95 FT				55	25.2	9280	6080
								60	10.9	7680	4720
								61.2	.0	5200*	4400
20	72.7	30880*	30880*	BOOM LENGTH 110 FT							
25	68.9	26800*	26800*	25	72.3	23360*	23360*				
30	65.0	23600*	22960	30	69.1	20640*	20640*	30	72.1	18240*	18240*
35	61.0	21120*	16960	35	65.9	18320*	17120	35	69.3	16320*	16320*
40	56.8	17600	12960	40	62.5	16560*	13200	40	66.5	14640*	13280
45	52.4	14160	10160	45	59.1	14320	10320	45	63.6	13120*	10480
50	47.7	11600	8080	50	55.5	11760	8240	50	60.7	11840*	8400
55	42.7	9600	6400	55	51.7	9840	6640	55	57.7	9920	6720
60	37.1	8000	5120	60	47.8	8240	5280	60	54.5	8320	5440
65	30.6	6720	4000	65	43.6	6880	4240	65	51.3	7040	4320
70	22.6	5600	3120	70	39.0	5840	3360	70	47.8	6000	3440
75	9.8	4640	2320	75	33.9	4880	2560	75	44.2	5040	2720
76.2	.0	3040*	2080	80	28.1	4080	1920	80	40.4	4240	2080
				85	20.8	3440	1360	85	36.1	3600	1520
				90	9.0	2800	800	90	31.5	2960	1040
				91.2	.0	1520*	720	95	26.0	2480	
								100	19.3	2000	
								105	8.4	1520	
								106.17	.0	400*	




Add 100Lbs to the chart values if the AUX BOOM HEAD SHEAVE is NOT ERECTED.

SET-UP:

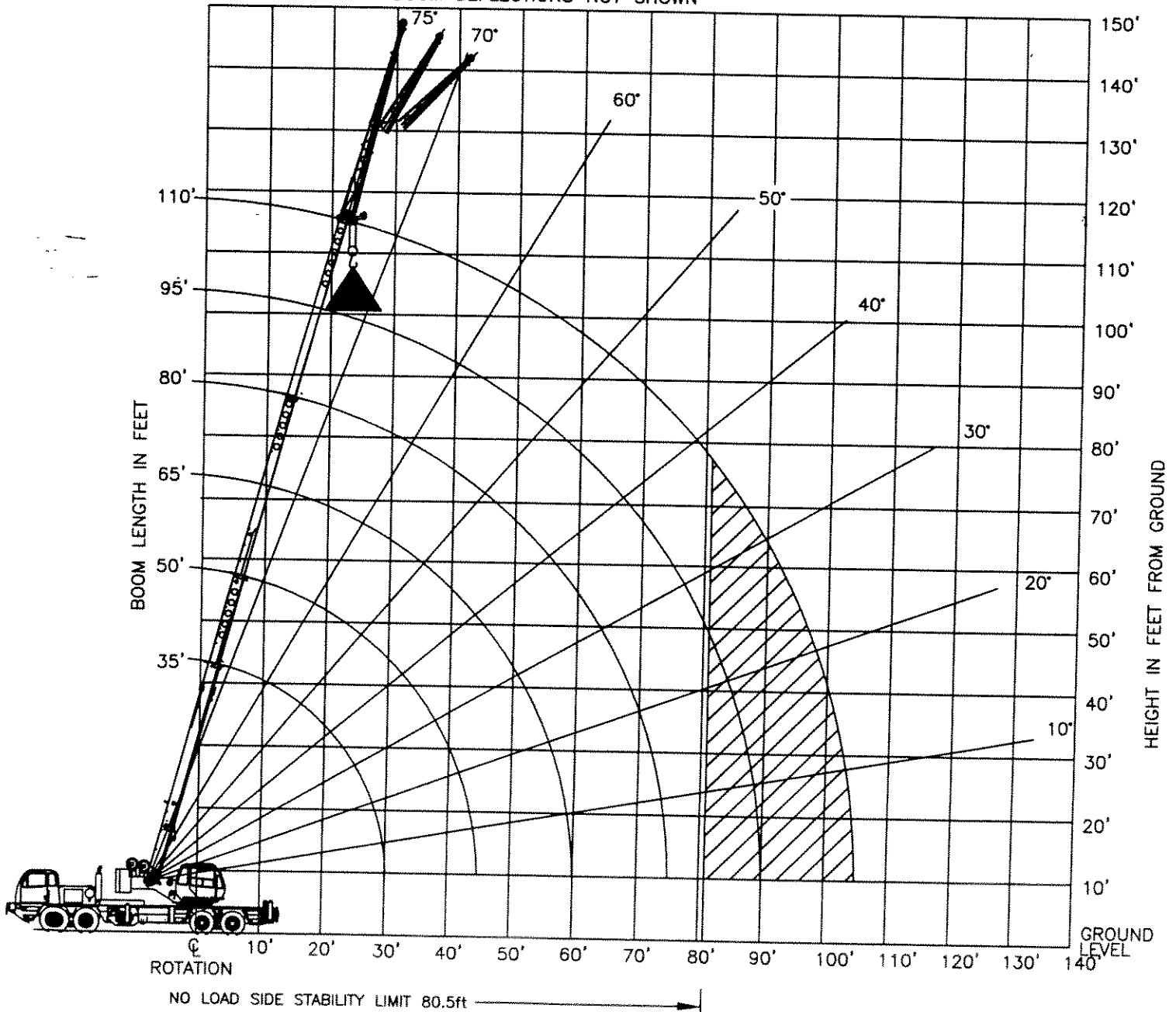
1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on outriggers are based on all outrigger beams being fully extended and the tires raised free of the supporting surface.

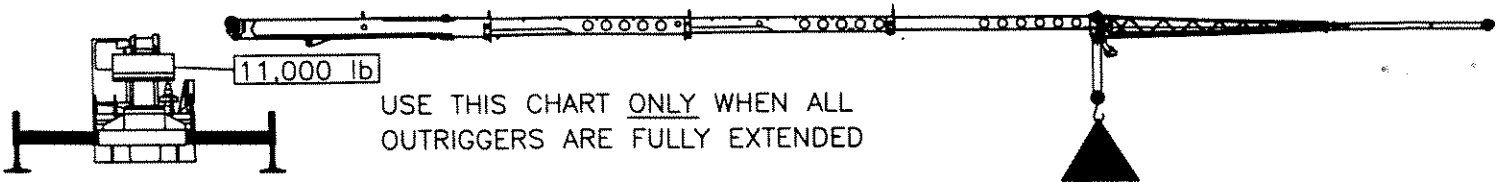
OPERATION:

1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
2. When either radius or boom length, or both, are between listed values, the smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched  areas shown on range diagrams) as tipping can occur without a load on the hook.
4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a specified boom length. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.

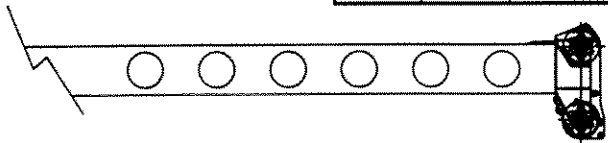
143'

BOOM DEFLECTIONS NOT SHOWN





RATED LOAD ON OUTRIGGERS											
LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)	LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	OVER REAR (LB)	360° (LB)
BOOM LENGTH 35 FT				BOOM LENGTH 50 FT				BOOM LENGTH 65 FT			
10	66.7	80000*	80000*	10	73.9	48000*	48000*				
12	63.1	80000*	80000*	12	71.5	48000*	48000*				
15	57.5	64320*	64320*	15	67.9	48000*	48000*	15	73.2	46960*	46960*
20	47.1	45840*	45840*	20	61.5	46960*	46960*	20	68.5	41680*	41680*
25	34.5	34720*	30160	25	54.8	35840*	31600	25	63.7	36400*	32320
30	14.8	26800	20160	30	47.4	28240	21600	30	58.6	28880	22240
31.2	.0	15040*	15040*	35	39.0	21120	15680	35	53.3	21760	16320
				40	28.8	16400	11760	40	47.6	16960	12400
BOOM LENGTH 80 FT				45	12.4	12960	8960	45	41.3	13600	9600
				46.2	.0	8480*	8320	50	34.1	11040	7520
				BOOM LENGTH 95 FT				55	25.2	9040	5840
								60	10.9	7440	4480
								61.2	.0	5040*	4160
20	72.7	30880*	30880*					BOOM LENGTH 110 FT			
25	68.9	26800*	26800*	25	72.3	23360*	23360*				
30	65.0	23600*	22640	30	69.1	20640*	20640*	30	72.1	18240*	18240*
35	61.0	21120*	16720	35	65.9	18320*	16960	35	69.3	16320*	16320*
40	56.8	17360	12720	40	62.5	16560*	12960	40	66.5	14640*	13120
45	52.4	13920	9920	45	59.1	14160	10160	45	63.6	13120*	10320
50	47.7	11440	7840	50	55.5	11600	8080	50	60.7	11760	8240
55	42.7	9440	6240	55	51.7	9680	6400	55	57.7	9760	6560
60	37.1	7840	4880	60	47.8	8080	5120	60	54.5	8240	5280
65	30.6	6560	3840	65	43.6	6800	4080	65	51.3	6880	4240
70	22.6	5440	2960	70	39.0	5680	3200	70	47.8	5840	3360
75	9.8	4480	2160	75	33.9	4800	2400	75	44.2	4880	2560
76.2	.0	2800*	1920	80	28.1	4000	1760	80	40.4	4160	1920
				85	20.8	3280	1200	85	36.1	3440	1360
				90	9.0	2640		90	31.5	2880	880
				91.2	.0	1360*		95	26.0	2320	
								100	19.3	1840	
								105	8.4	1440	
								106.17	.0	240*	




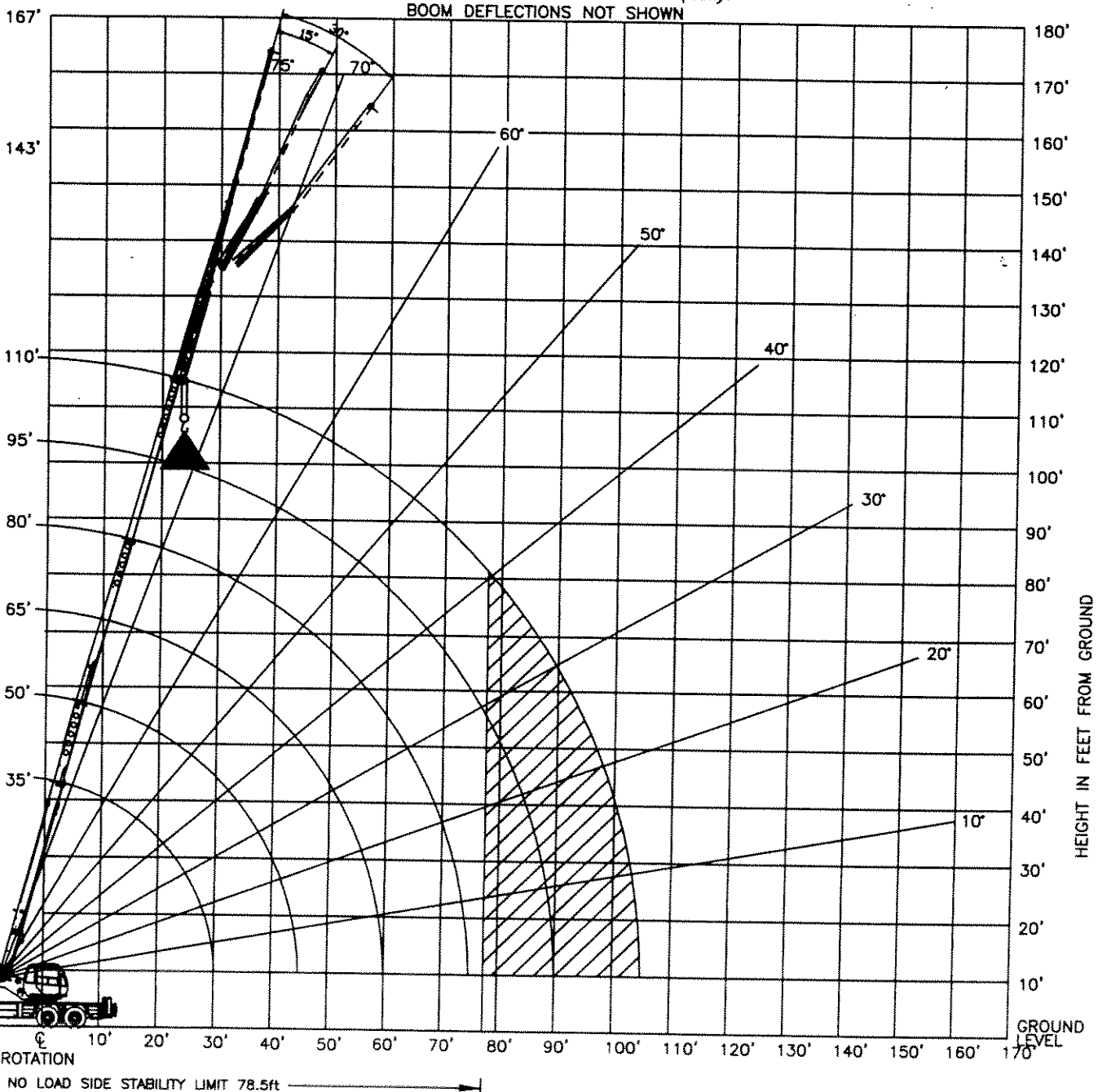
Add 100Lbs to the chart values if the AUX BOOM HEAD SHEAVE is NOT ERECTED.

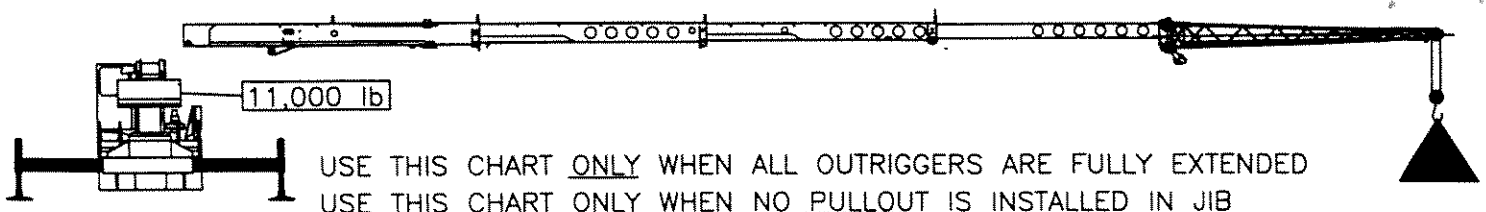
SET-UP:

1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on outriggers are based on all outrigger beams being fully extended and the tires raised free of the supporting surface.

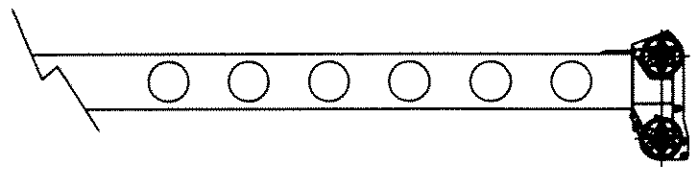
OPERATION:

1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
2. When either radius or boom length, or both, are between listed values, the smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched  areas shown on range diagrams) as tipping can occur without a load on the hook.
4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a specified boom length. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.





32 FT OFFSET JIB									
LOADED BOOM ANGLE (DEG)	0° OFFSET			15° OFFSET			30° OFFSET		
	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)
75	41'	10000*	10000*	48'	6720*	6720*	55'	5200*	5200*
73	46'	9440*	9440*	53'	6480*	6480*	59'	5040*	5040*
71	52'	8960*	8960*	58'	6160*	6160*	64'	4960*	4960*
68	58'	8240*	7520	64'	5840*	5840*	69'	4720*	4720*
65	65'	7600*	6320	70'	5600*	5600*	75'	4640*	4640*
62	71'	7040*	5200	76'	5360*	4720	81'	4480*	4480*
59	78'	6480	4400	82'	5120*	4000	87'	4320*	3840
55	85'	5360	3520	89'	4880*	3360	94'	4160*	3200
51	91'	4720	2800	97'	4480	2720	101'	4080*	2640
47	97'	4240	2320	104'	4000	2160	107'	3840	2080
43	104'	3760	1840	110'	3600	1760	112'	3440	1680
38	112'	3360	1360	117'	3200	1360	118'	3040	1280
32	120'	2800	960	124'	2800	960	126'	2800	880
25	126'	2480	480	129'	2480	560			
17	132'	2240		134'	2160				
0	140'	320*							




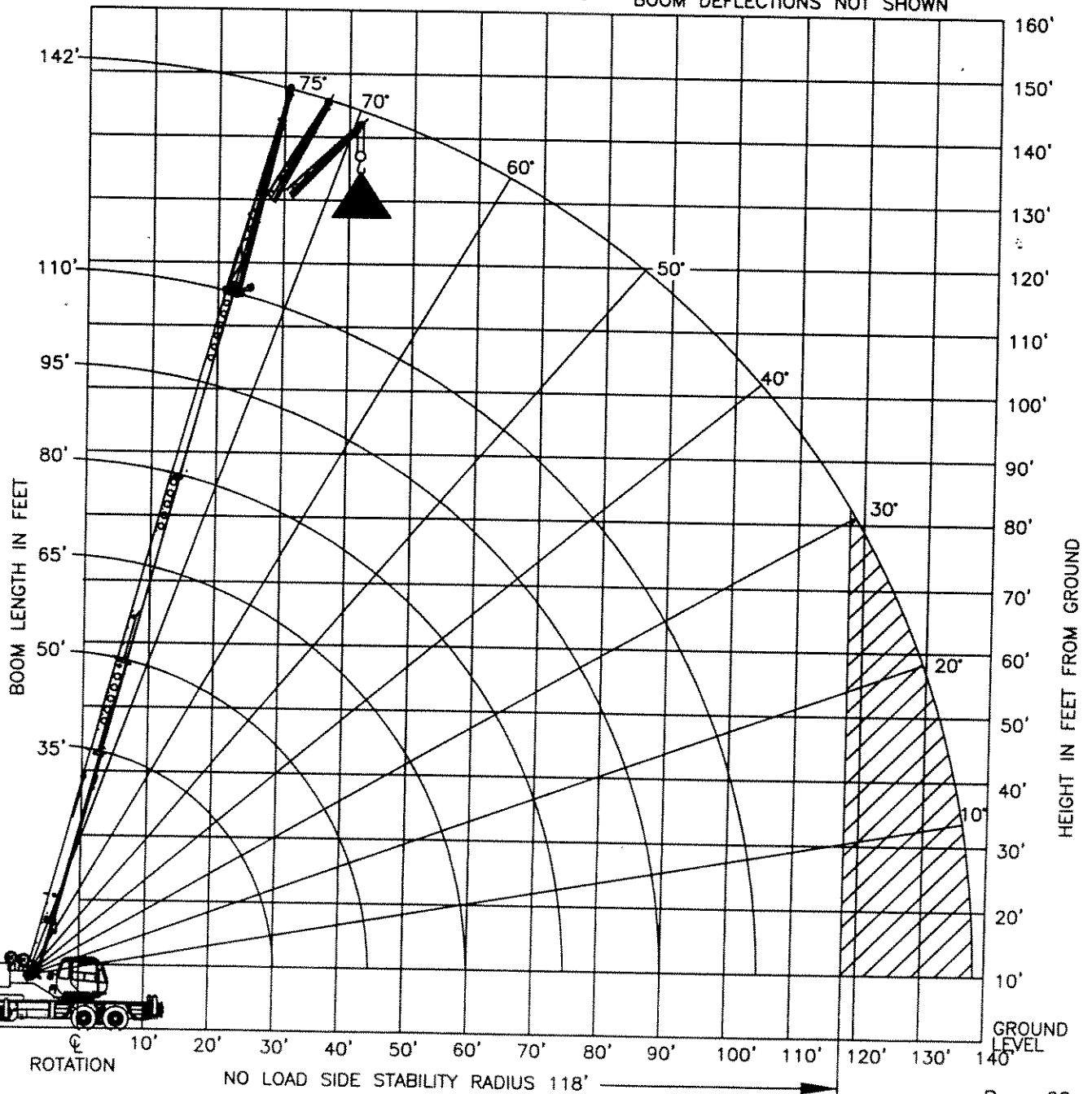
Add 100Lbs to the chart values if the AUX BOOM HEAD SHEAVE is NOT ERECTED.

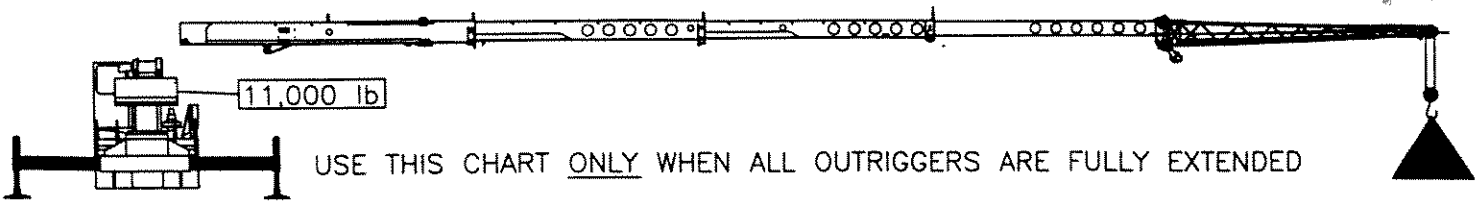
SET-UP:

1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on outriggers are based on all outrigger beams being fully extended and the tires raised free of the supporting surface.

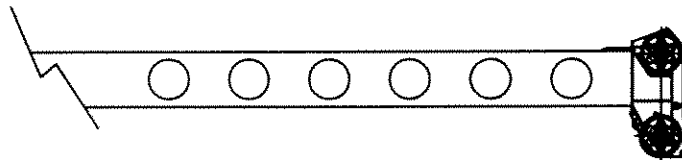
OPERATION:

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5. Power telescoping boom sections must be extended equally.
6. For all boom lengths less than the maximum with the jib erected, the rated loads are determined by boom angle only in the appropriate column.
7. For boom angles not shown, use the capacity of the next lower angle.
8. Listed radii are for fully extended boom only. BOOM DEFLECTIONS NOT SHOWN





33 FT OFFSET JIB									
LOADED BOOM ANGLE (DEG)	0° OFFSET			15° OFFSET			30° OFFSET		
	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)
75	42'	10000*	10000*	49'	6720*	6720*	56'	5200*	5200*
73	47'	9440*	9280	54'	6480*	6480*	60'	5040*	5040*
71	53'	8960*	8240	59'	6160*	6160*	65'	4960*	4960*
68	60'	8240*	6880	66'	5840*	5840*	71'	4720*	4720*
65	67'	7600*	5760	72'	5600*	5040	77'	4640*	4640*
62	73'	7040*	4720	78'	5360*	4160	83'	4480*	4160
59	80'	6000	3920	84'	5120*	3440	89'	4320*	3360
55	87'	4800	3040	91'	4480	2800	96'	4160*	2640
51	93'	4000	2320	99'	3760	2240	103'	3680	2080
47	99'	3360	1840	106'	3200	1680	109'	3200	1600
43	106'	2880	1360	112'	2720	1280	114'	2720	1200
38	114'	2400	880	119'	2240	880	120'	2240	800
32	121'	1840	480	125'	1760	480	127'	1760	400
25	128'	1440		131'	1360				
17	134'	1120		136'	1040				
0	140'	320*							




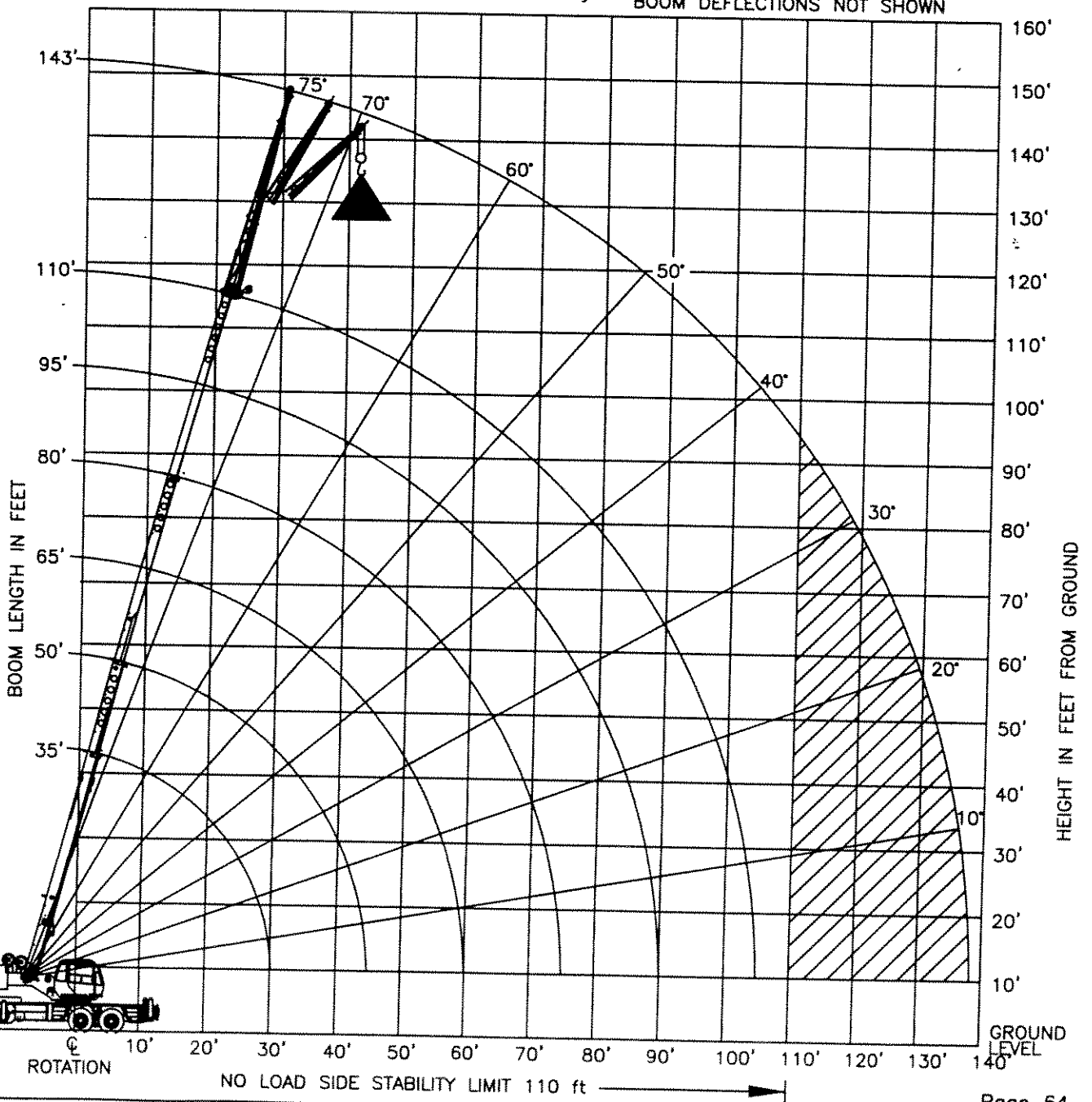
Add 100Lbs to the chart values if the AUX BOOM HEAD SHEAVE is NOT ERECTED.

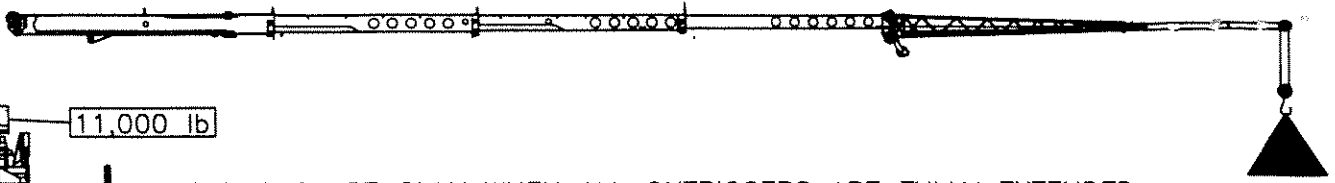
SET-UP:

1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on outriggers are based on all outrigger beams being fully extended and the tires raised free of the supporting surface.

OPERATION:

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2. When either radius or boom angle, or both, are between listed values, the smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched  areas shown on range diagrams) as tipping can occur without a load on the hook.
4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a fully extended boom. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.
6. For all boom lengths less than the maximum with the jib erected, the rated loads are determined by boom angle only in the appropriate column.
7. For boom angles not shown, use the capacity of the next lower angle.
8. Listed radii are for fully extended boom only. BOOM DEFLECTIONS NOT SHOWN

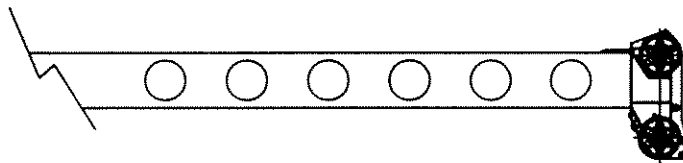




11,000 lb

USE THIS CHART ONLY WHEN ALL OUTRIGGERS ARE FULLY EXTENDED

57 FT OFFSET JIB									
LOADED BOOM ANGLE (DEG)	0° OFFSET			15° OFFSET			30° OFFSET		
	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)	(REF) LOAD RADIUS (FT)	REAR ONLY (LB)	360° (LB)
75	50'	5200*	5200*	64'	3600*	3600*	74'	2640*	2640*
73	56'	4880*	4880*	69'	3440*	3440*	79'	2560*	2560*
71	62'	4640*	4640*	75'	3280*	3280*	85'	2480*	2480*
68	70'	4400*	4400*	82'	3040*	3040*	91'	2400*	2400*
65	78'	4080*	3920	90'	2880*	2880*	97'	2320*	2320*
62	86'	3760*	3440	97'	2720*	2720*	104'	2240*	2240*
59	95'	3520*	2960	104'	2640*	2640*	110'	2160*	2160*
55	105'	3200*	2320	112'	2480*	2160	117'	2080*	1920
51	114'	2960*	1760	120'	2320*	1600	124'	2080*	1440
47	122'	2720*	1360	127'	2240*	1200	130'	2000*	1120
43	129'	2240	960	134'	2080	880	136'	2000*	800
38	137'	1840	640	141'	1680	560	142'	1760	560
32	145'	1440		148'	1360		149'	1360	
25	152'	1120		154'	1040				
17	159'	800		159'	800				
0	164'	240*							



Add 100Lbs to the chart values if the AUX BOOM HEAD SHEAVE is NOT ERECTED.

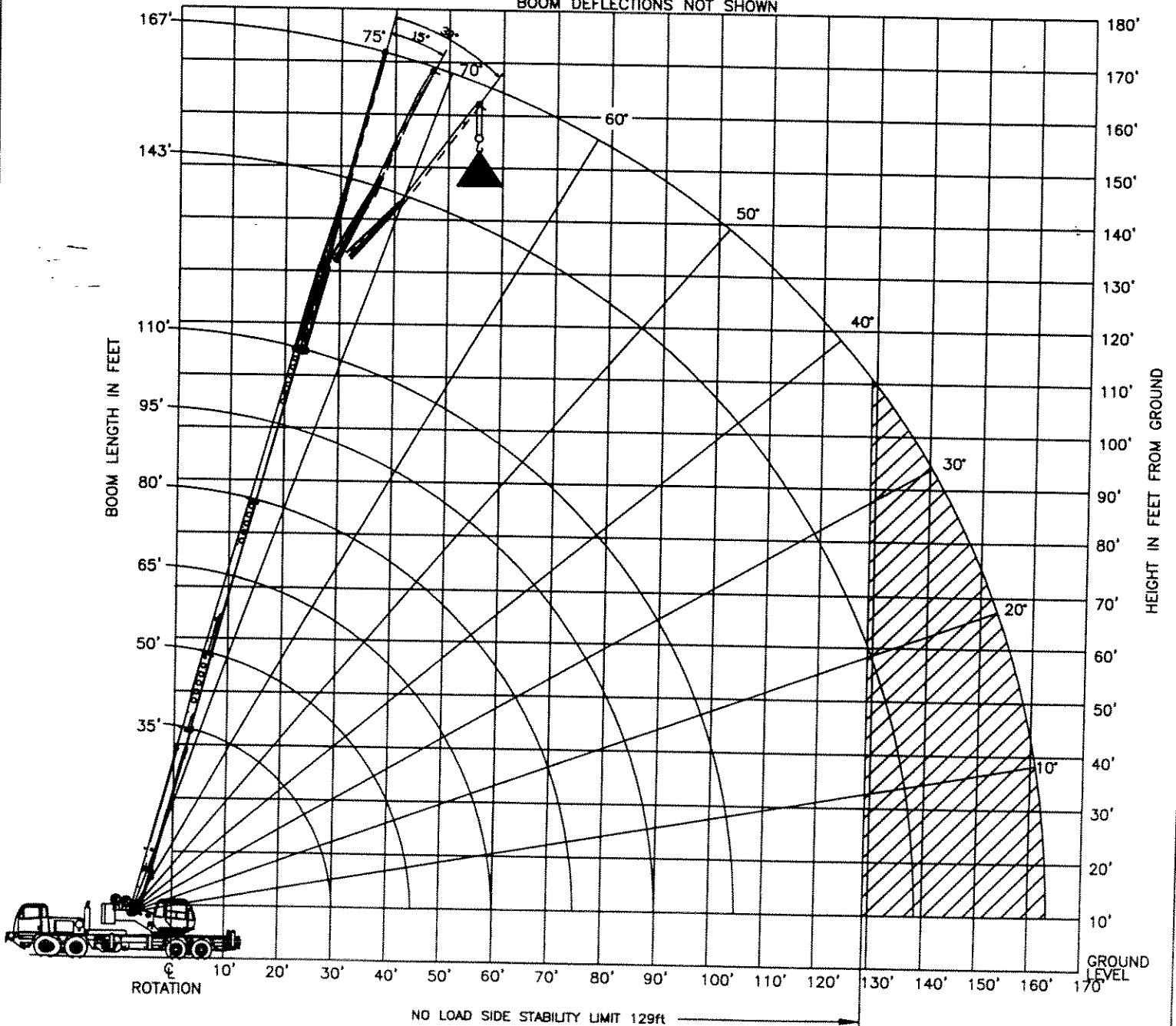
SET-UP:

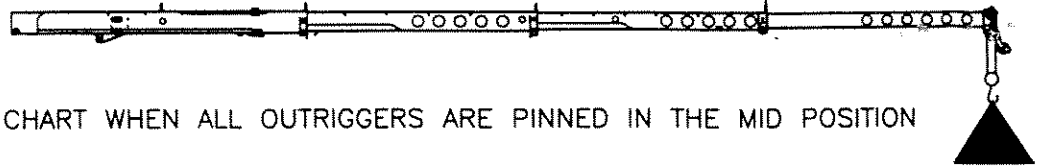
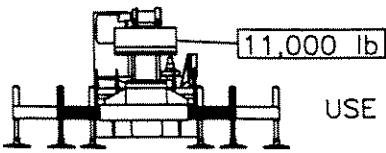
1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on outriggers are based on all outrigger beams being fully extended and the tires raised free of the supporting surface.

OPERATION:

1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
2. When either radius or boom angle, or both, are between listed values, the smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched areas shown on range diagrams) as tipping can occur without a load on the hook.
4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a fully extended boom. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.
6. For all boom lengths less than the maximum with the jib erected, the rated loads are determined by boom angle only in the appropriate column.
7. For boom angles not shown, use the capacity of the next lower angle.
8. Listed radii are for fully extended boom only.

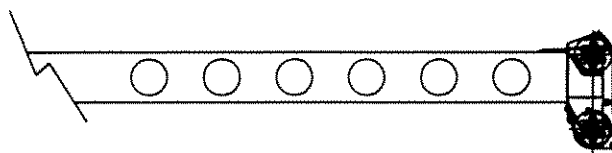
BOOM DEFLECTIONS NOT SHOWN





USE THIS CHART WHEN ALL OUTRIGGERS ARE PINNED IN THE MID POSITION

RATED LOAD ON OUTRIGGERS								
LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	360° (LB)
BOOM LENGTH 35 FT			BOOM LENGTH 50 FT			BOOM LENGTH 65 FT		
10.0	66.7	80000*	10.0	73.9	48000*			
12.0	63.1	73920*	12.0	71.5	48000*			
15.0	57.5	46240	15.0	67.9	47280	15.0	73.2	46960*
20.0	47.1	25600	20.0	61.5	26560	20.0	68.5	27040
25.0	34.5	16400	25.0	54.8	17520	25.0	63.7	17920
30.0	14.8	11040	30.0	47.4	12320	30.0	58.6	12720
31.2	.0	10000	35.0	39.0	8960	35.0	53.3	9440
			40.0	28.8	6560	40.0	47.6	7120
BOOM LENGTH 80 FT			45.0	12.4	4800	45.0	41.3	5360
			46.2	.0	4320	50.0	34.1	4080
			BOOM LENGTH 95 FT			55.0	25.2	2960
						60.0	10.9	2080
						61.2	.0	1840
20.0	72.7	27280				BOOM LENGTH 110 FT		
25.0	68.9	18080	25.0	72.3	18240			
30.0	65.0	12960	30.0	69.1	13120	30.0	72.1	13200
35.0	61.0	9680	35.0	65.9	9840	35.0	69.3	9920
40.0	56.8	7360	40.0	62.5	7520	40.0	66.5	7600
45.0	52.4	5680	45.0	59.1	5840	45.0	63.6	5920
50.0	47.7	4400	50.0	55.5	4560	50.0	60.7	4640
55.0	42.7	3280	55.0	51.7	3520	55.0	57.7	3600
60.0	37.1	2480	60.0	47.8	2640	60.0	54.5	2800
65.0	30.6	1760	65.0	43.6	1920	65.0	51.3	2080
70.0	22.6	1120	70.0	39.0	1360	70.0	47.8	1520
			75.0	33.9	800	75.0	44.2	960




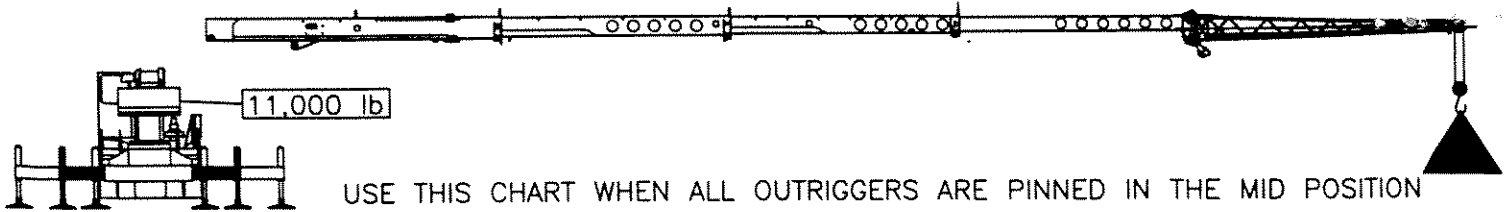
Add 100Lbs to the chart values if the AUX BOOM HEAD SHEAVE is NOT ERECTED.

SET-UP:

1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on outriggers are based on all outrigger beams being fully extended, or in the case of partial extension ratings mechanically pinned in the appropriate position, and the tires free of the supporting surface.

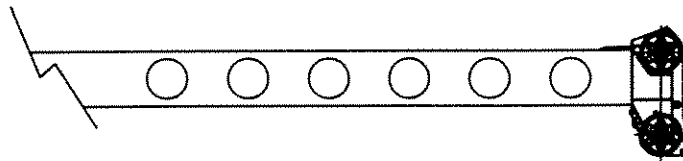
OPERATION:

1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
2. When either radius or boom length, or both, are between listed values, the smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched  areas shown on range diagrams) as tipping can occur without a load on the hook.
4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a specified boom length. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated capacity.



USE THIS CHART WHEN ALL OUTRIGGERS ARE PINNED IN THE MID POSITION
 USE THIS CHART ONLY WHEN NO PULLOUT IS INSTALLED IN JIB

32 FT OFFSET JIB						
LOADED BOOM ANGLE (DEG)	0° OFFSET		15° OFFSET		30° OFFSET	
	(REF) LOAD RADIUS (FT)	360° (LB)	(REF) LOAD RADIUS (FT)	360° (LB)	(REF) LOAD RADIUS (FT)	360° (LB)
75	41'	8480	48'	6160	55'	5200*
73	46'	7120	53'	5360	59'	4880
71	52'	5840	58'	4640	64'	4240
68	58'	4400	64'	3600	69'	3280
65	65'	3280	70'	2800	75'	2560
62	71'	2400	76'	2080	81'	1920
59	78'	1680	82'	1520	87'	1440
55	85'	1040	89'	880	94'	800




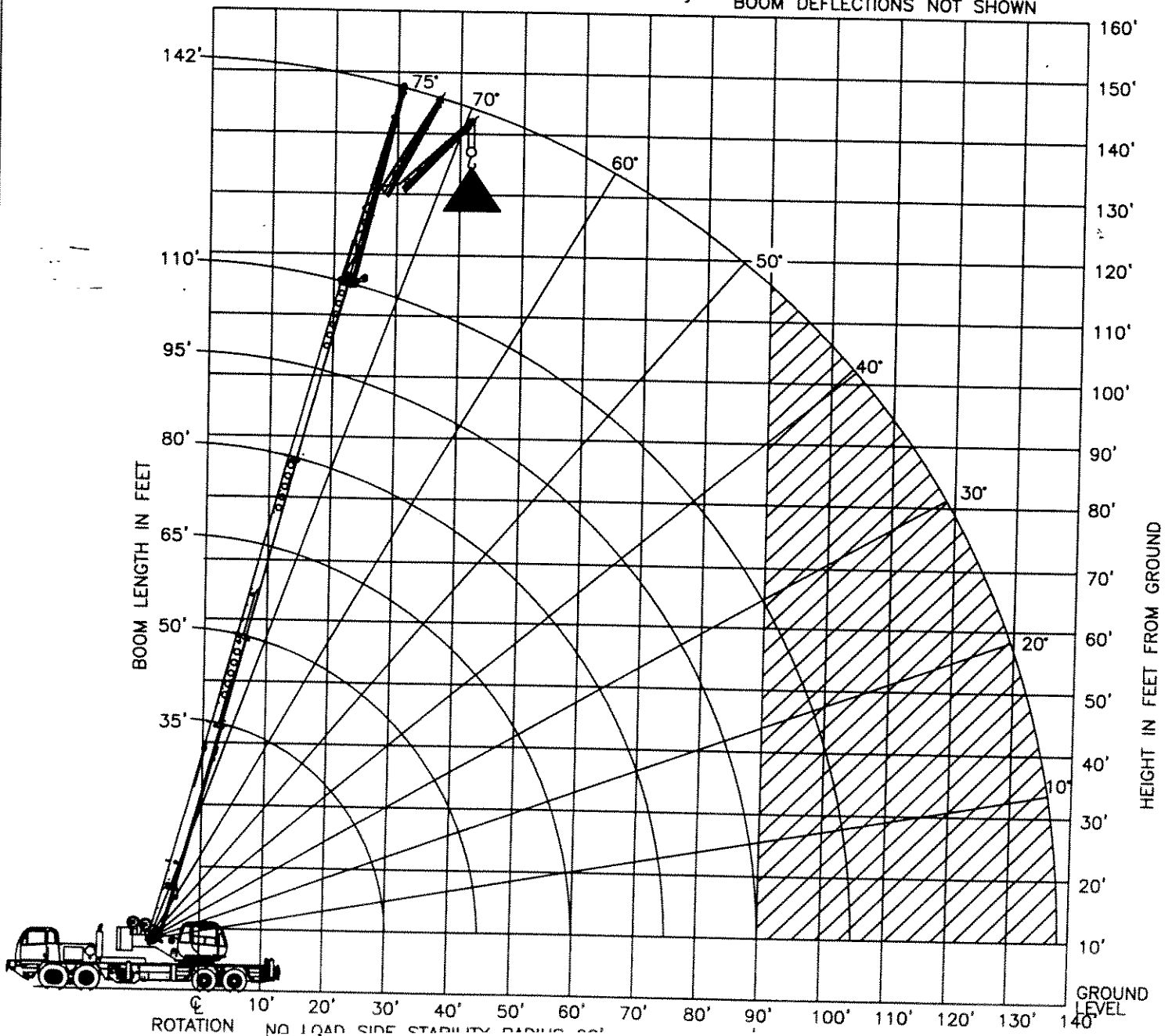
Add 100Lbs to the chart values if the AUX BOOM HEAD SHEAVE is NOT ERECTED.

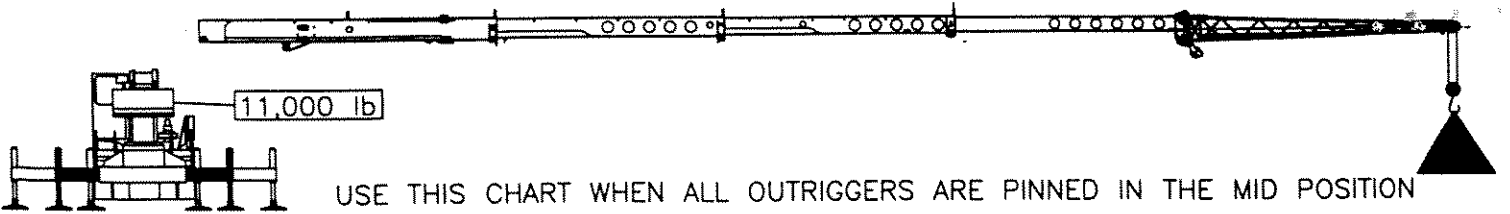
SET-UP:

1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on outriggers are based on all outrigger beams being fully extended, or in the case of partial extension ratings mechanically pinned in the appropriate position, and the tires free of the supporting surface.

OPERATION:

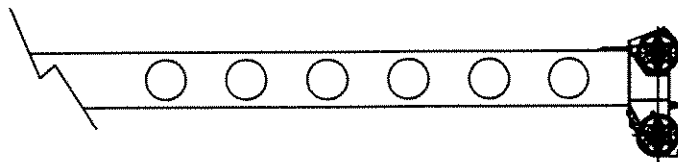
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4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a fully extended boom. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.
6. For all boom lengths less than the maximum with the jib erected, the rated loads are determined by boom angle only in the appropriate column.
7. For boom angles not shown, use the capacity of the next lower angle.
8. Listed radii are for fully extended boom only. BOOM DEFLECTIONS NOT SHOWN





USE THIS CHART WHEN ALL OUTRIGGERS ARE PINNED IN THE MID POSITION

33 FT OFFSET JIB						
	0° OFFSET		15° OFFSET		30° OFFSET	
LOADED BOOM ANGLE (DEG)	(REF) LOAD RADIUS (FT)	360° (LB)	(REF) LOAD RADIUS (FT)	360° (LB)	(REF) LOAD RADIUS (FT)	360° (LB)
75	42'	7600	49'	5520	56'	5120
73	47'	6400	54'	4720	60'	4320
71	53'	5200	59'	4000	65'	3680
68	60'	3840	66'	3120	71'	2800
65	67'	2800	72'	2320	77'	2080
62	73'	1920	78'	1600	83'	1440
59	80'	1200	84'	1120	89'	960




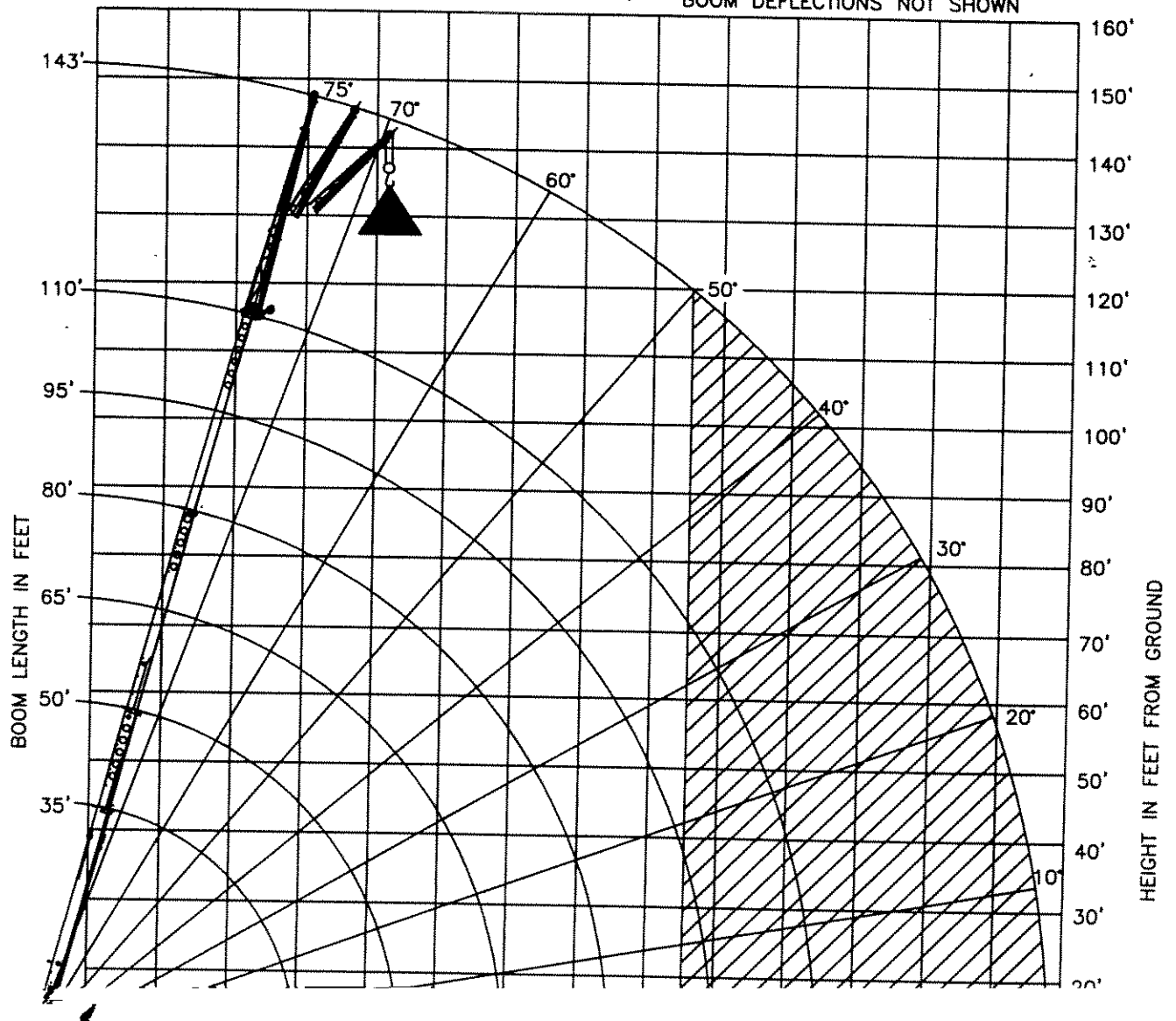
Add 100Lbs to the chart values if the AUX BOOM HEAD SHEAVE is NOT ERECTED.

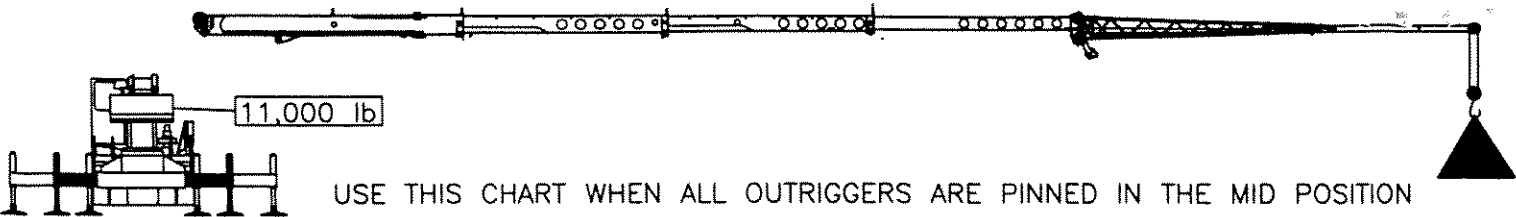
SET-UP:

1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on outriggers are based on all outrigger beams being fully extended, or in the case of partial extension ratings mechanically pinned in the appropriate position, and the tires free of the supporting surface.

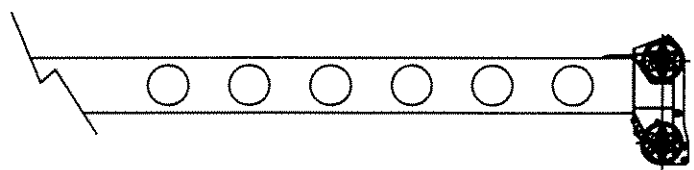
OPERATION:

1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
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5. Power telescoping boom sections must be extended equally.
6. For all boom lengths less than the maximum with the jib erected, the rated loads are determined by boom angle only in the appropriate column.
7. For boom angles not shown, use the capacity of the next lower angle.
8. Listed radii are for fully extended boom only. BOOM DEFLECTIONS NOT SHOWN





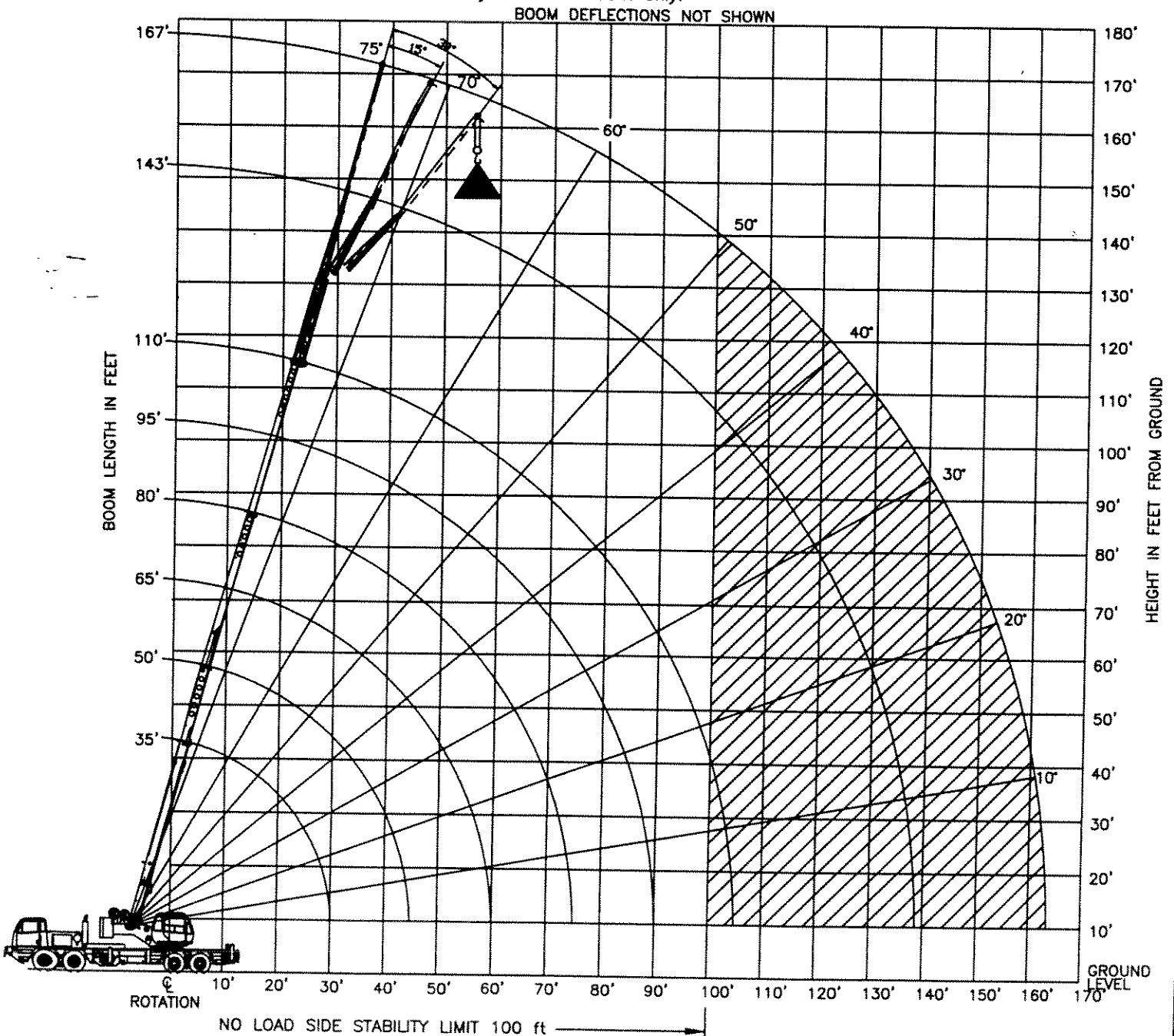
57 FT OFFSET JIB						
LOADED BOOM ANGLE (DEG)	0° OFFSET		15° OFFSET		30° OFFSET	
	(REF) LOAD RADIUS (FT)	360° (LB)	(REF) LOAD RADIUS (FT)	360° (LB)	(REF) LOAD RADIUS (FT)	360° (LB)
75	50'	4320	64'	3600*	74'	2640*
73	56'	3840	69'	3440*	79'	2560*
71	62'	3440	75'	3120	85'	2480*
68	70'	2720	82'	2080	91'	1760
65	78'	2080	90'	1440	97'	1200
62	86'	1360	97'	960	104'	800
59	95'	800	104'	640	110'	560



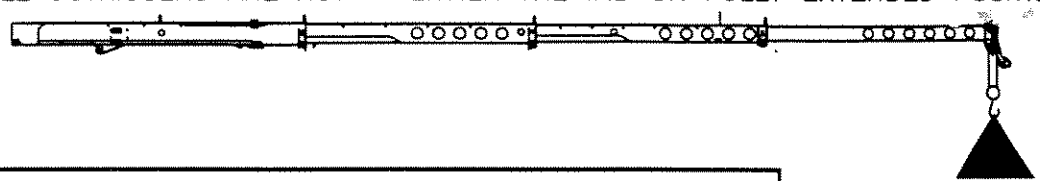
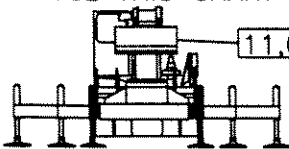
Add 100 lbs to the chart values if

OPERATION:

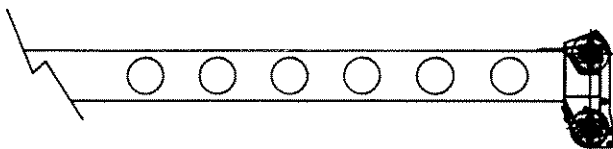
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5. Power telescoping boom sections must be extended equally.
6. For all boom lengths less than the maximum with the jib erected, the rated loads are determined by boom angle only in the appropriate column.
7. For boom angles not shown, use the capacity of the next lower angle.
8. Listed radii are for fully extended boom only.



USE THIS CHART WHEN ALL OUTRIGGERS ARE NOT IN EITHER THE MID OR FULLY EXTENDED POSITION



RATED LOAD ON OUTRIGGERS								
LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	360° (LB)	LOAD RADIUS (FT)	LOADED BOOM ANGLE (DEG)	360° (LB)
BOOM LENGTH 35 FT			BOOM LENGTH 50 FT			BOOM LENGTH 65 FT		
10.0	66.7	38320	10.0	73.9	39200			
12.0	63.1	27360	12.0	71.5	28160			
15.0	57.5	18160	15.0	67.9	19120	15.0	73.2	19440
20.0	47.1	10400	20.0	61.5	11440	20.0	68.5	11760
25.0	34.5	6240	25.0	54.8	7280	25.0	63.7	7680
30.0	14.8	3600	30.0	47.4	4640	30.0	58.6	5120
31.2	.0	2960	35.0	39.0	2880	35.0	53.3	3360
			40.0	28.8	1600	40.0	47.6	2080
BOOM LENGTH 80 FT						45.0	41.3	1120
			BOOM LENGTH 95 FT					
20.0	72.7	12000				BOOM LENGTH 110 FT		
25.0	68.9	7920	25.0	72.3	8080			
30.0	65.0	5360	30.0	69.1	5520	30.0	72.1	5600
35.0	61.0	3680	35.0	65.9	3840	35.0	69.3	3920
40.0	56.8	2400	40.0	62.5	2560	40.0	66.5	2640
45.0	52.4	1440	45.0	59.1	1600	45.0	63.6	1680
			50.0	55.5	800	50.0	60.7	960




Add 100Lbs to the chart values if the AUX BOOM HEAD SHEAVE is NOT ERECTED.

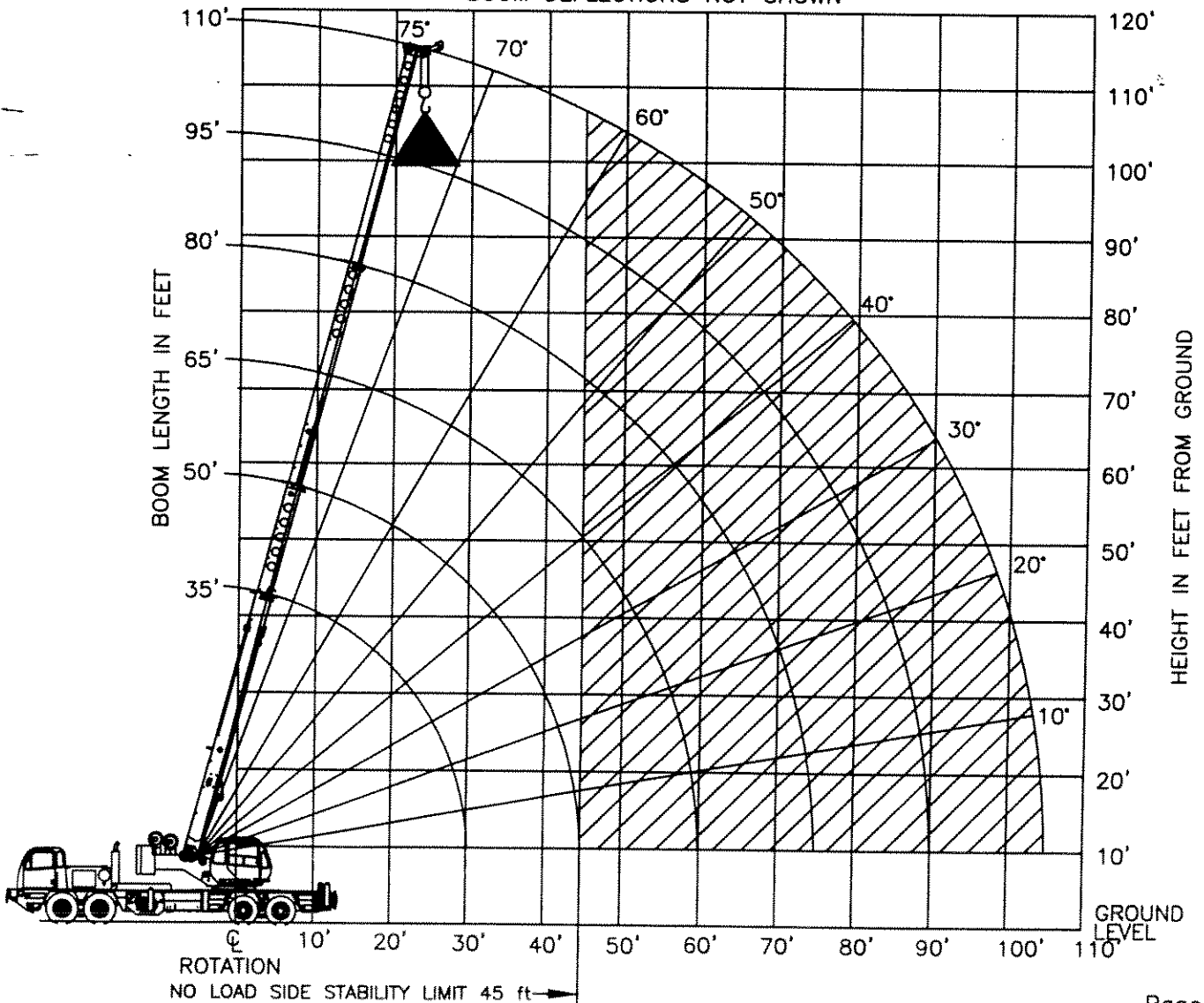
SET-UP:

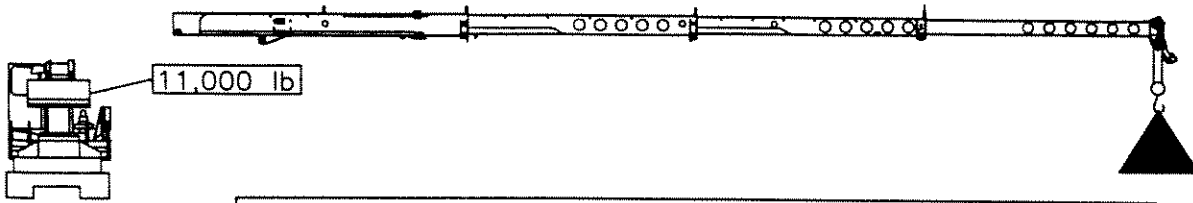
1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on outriggers are based on all outrigger beams being fully extended, or in the case of partial extension ratings mechanically pinned in the appropriate position, and the tires free of the supporting surface.

OPERATION:

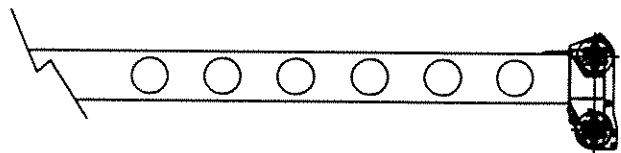
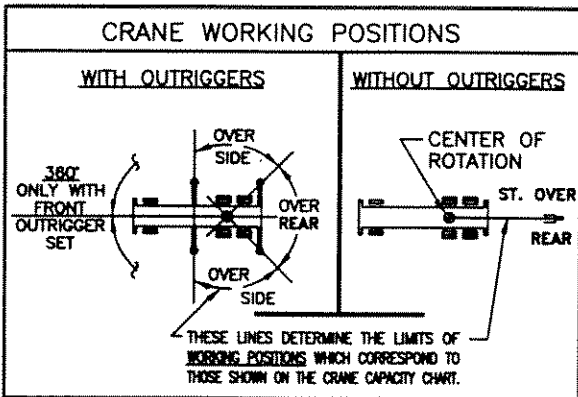
1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
2. When either radius or boom length, or both, are between listed values, the smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched  areas shown on range diagrams) as tipping can occur without a load on the hook.
4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a specified boom length. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.

BOOM DEFLECTIONS NOT SHOWN





ON TIRES				
RADIUS (FT)	MAX BOOM LENGTH (FT)	ALL		
		STATIONARY	PICK & CARRY	
			CREEP	2.5 MPH
STRAIGHT OVER REAR				
10	35'	18700	18700	12800*
12	35'	17800	17800	11440*
15	35'	16500	16500	9680*
20	50'	14300	14300	7280*
25	50'	12100	12100	5440*
30	50'	8800	8800	3920*
35	50'	7000	7000	2880*
40	65'	5800	5800	2160*
45	65'	4700	4700	1600*
50	65'	3700	3700	1120*
55	65'	2900	2900	640*
60	80'	2300	2300	320*
65	80'	1800	1800	
70	80'	1300	1300	




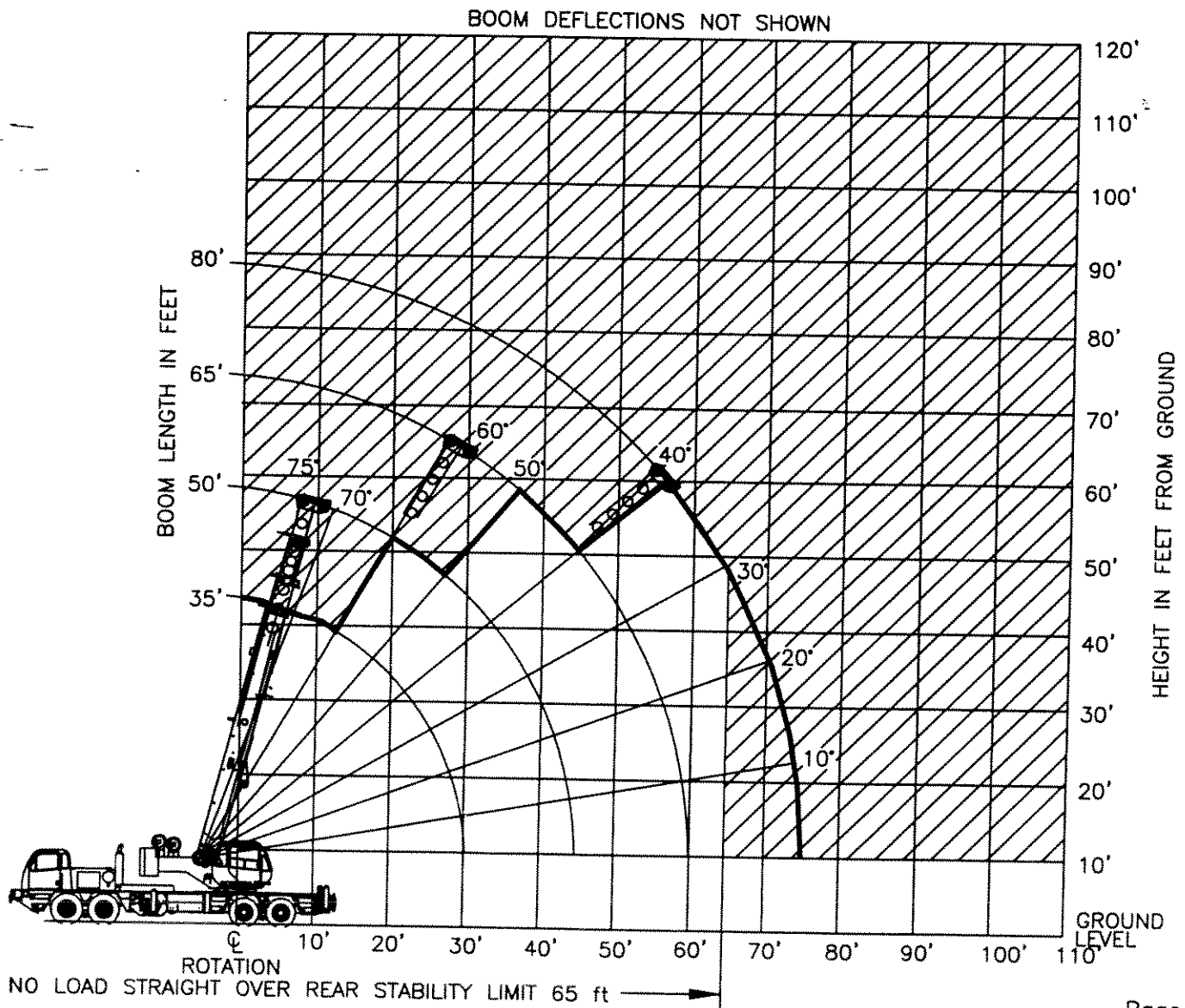
Add 100lbs to the chart values if the AUX BOOM HEAD SHEAVE is NOT ERECTED.

SET-UP:

1. Crane load ratings are based on the crane being leveled and standing on a firm, uniform supporting surface.
2. Crane load ratings on tires depend on appropriate inflation pressure and tire condition. Caution must be exercised when increasing air pressures in tires. Consult Operator's Manual for precautions.
3. Use of jibs, lattice-type boom extensions, or fourth section pullout extended is not permitted for pick and carry operations.

OPERATION:

1. CRANE LOAD RATINGS MUST NOT BE EXCEEDED. DO NOT ATTEMPT TO TIP THE CRANE TO DETERMINE ALLOWABLE LOADS.
2. When either radius or boom length, or both, are between listed values, the smaller of the two listed load ratings shall be used.
3. Do not operate at longer radii than those listed on the applicable load rating chart (cross hatched  areas shown on range diagrams) as tipping can occur without a load on the hook.
4. The boom angles shown on the Capacity Chart give an approximation of the operating radius for a specified boom length. The boom angle, before loading, should be greater to account for boom deflection. It may be necessary to retract the boom if maximum boom angle is insufficient to maintain rated radius.
5. Power telescoping boom sections must be extended equally.
6. Truck Cranes not equipped with equalizing (bogie) beams between the rear axles may not be used for lifting "on tires". Truck Cranes equipped with equalizing beams and rear air suspension should "dump" the air before lifting "on tires".



**Built in
Waverly, Iowa
U.S.A.**

 **TEREX CRANES**
Waverly, Iowa 50677