

SERIAL NUMBER: _____

CRANE RATING MANUAL

RTC-80130 Series II
5-Section Boom

For Replacement, Order Part Number: R3P0054
(121009)

Link-Belt®
CONSTRUCTION EQUIPMENT

® Link-Belt is a registered trademark.

Not for crane operations

Table Of Contents

Page	Contents
3–4	Operating Instructions
4	Patent Information
5	General Dimensions
5	Tire Inflation
5	Pontoon Loadings
6	Boom Extend Modes
7	Boom Mode Performance – General Reference Guide
8	Winch Performance
8	Wire Rope Capacity Chart
9	Working Areas
10	Capacity Deductions
11	Allowable Crane Configurations – Main Boom
11	Allowable Crane Configurations – Main Boom + Attachments
12	Hydraulic Circuit Pressure Settings
12	Wind Speed Restrictions
12	Backward Stability – Maximum Boom Angle
13	Working Range Diagram
Tab 1	Crane Setup
15–18	Lifting Capacities, On Tires, 0# CTWT
Tab 2	Fully Extended Outriggers
19–26	Lifting Capacities, 0 lb CTWT
27–42	Lifting Capacities, 14,000 lb CTWT
43–58	Lifting Capacities, 17,000 lb CTWT
59–82	Lifting Capacities, 26,000 lb CTWT
83–108	Lifting Capacities, 29,000 lb CTWT
109–134	Lifting Capacities, 43,000 lb CTWT
Tab 3	Intermediate Extended Outriggers
135–140	Lifting Capacities, 0 lb CTWT
141–146	Lifting Capacities, 14,000 lb CTWT
147–152	Lifting Capacities, 17,000 lb CTWT
153–158	Lifting Capacities, 26,000 lb CTWT
159–170	Lifting Capacities, 29,000 lb CTWT
171–184	Lifting Capacities, 43,000 lb CTWT
Tab 4	Fully Retracted Outriggers
185–190	Lifting Capacities, 0 lb CTWT
191–196	Lifting Capacities, 14,000 lb CTWT
197–202	Lifting Capacities, 17,000 lb CTWT
203–208	Lifting Capacities, 26,000 lb CTWT
Tab 5	On Tires
209–212	Lifting Capacities, 14,000 lb CTWT
213–216	Lifting Capacities, 17,000 lb CTWT
217–220	Lifting Capacities, 26,000 lb CTWT

Not for crane operations



WARNING

READ AND UNDERSTAND THE OPERATORS AND SAFETY MANUALS AND THE FOLLOWING INSTRUCTIONS AND RATED LIFTING CAPACITIES BEFORE OPERATING THE CRANE. OPERATION WHICH DOES NOT FOLLOW THESE INSTRUCTIONS MAY RESULT IN AN ACCIDENT.

Operating Instructions

General:

1. Rated lifting capacities in pounds as shown on lift charts pertain to this crane as originally manufactured and normally equipped by Link-Belt Construction Equipment Company (LBCE). Modifications to the crane or use of optional equipment other than that specified can result in a reduction in capacity.
2. Construction equipment can be dangerous if improperly operated or maintained. Operation and maintenance of this crane must be in compliance with the information in the Operator's, Parts, and Safety Manuals supplied with this crane. If these manuals are missing, order replacements through the distributor.
3. The operator and other personnel associated with this crane shall read and fully understand the latest applicable American National Standards ASME B30.5 safety standards for cranes.
4. The rated lifting capacities are based on crane standing level on firm supporting surface.

Set Up:

1. The crane shall be leveled on a firm supporting surface. Depending on the nature of the supporting surface, it may be necessary to have structural supports under the outrigger pontoons or tires to spread the load to a larger bearing surface.
2. When making lifts on outriggers, all tires must be free of supporting surface. All outrigger beams must be extended to the same length; fully retracted, intermediate extended, or fully extended.
3. When operating on tires or retracted outriggers, do not exceed maximum boom angle shown on "Backward Stability" Chart. Loss of backward stability will occur causing a backward tipping condition.
4. The weight of the auxiliary winch is taken into account as a part of the counterweight. Therefore the auxiliary winch, or auxiliary counterweight, must always be attached on the upper for crane operation with counterweight configurations over 0 lb.
5. When operating on tires, they must be inflated to the recommended pressure. (See "Tire Inflation".)
6. For required parts of line, see "Wire Rope Capacity Chart" and "Winch Performance".
7. Before setting up the crane, refer to "Allowable Crane Configurations" and rated lifting capacities to determine allowable crane configurations.

Operation:

1. Rated lifting capacities at rated radius shall not be exceeded. Do not tip the crane to determine allowable loads.
2. Rated lifting capacities shall be reduced for repetitive lift applications. For concrete bucket operation, weight of bucket and load shall not exceed 80% of rated load. For duty cycle operation, such as loading and unloading, maximum allowable load shall not exceed 70% of rated load. For clamshell and magnet operation, weight of bucket, or magnet, and load shall not exceed 70% of rated load. Lifts with fly erected are prohibited for clamshell and magnet operation.
3. Rated lifting capacities shown on fully extended outriggers do not exceed 85% of the tipping loads. Rated lifting capacities shown on intermediate extended or fully retracted outriggers are determined by the formula, rated load = (tipping load - 0.1 X load factor)/1.25. Rated lifting capacities shown on tires do not exceed 75% of the tipping loads. Tipping loads are determined by SAE crane stability test code SAE J-765.
4. Rated lifting capacities in the shaded areas are based on structural strength or hydraulic limitations and have been tested to meet minimum requirements of SAE J-1063 cantilevered boom crane structures – method of test. Rated lifting capacities in non-shaded areas are based on stability ratings.
5. Rated lifting capacities include the weight of the hook block, hook ball, slings, bucket, magnet, auxiliary lifting devices, etc. Their weights must be subtracted from the listed rated capacity to obtain the net load which can be lifted. Rated lifting capacities include the deduct for fly stowed on the base of the boom. For deducts of any fly erected, but not used, see "Capacity Deductions".
6. Rated lifting capacities are based on freely suspended loads. No attempt shall be made to move a load horizontally on the ground in any direction.
7. Rated lifting capacities are for lift crane service only.
8. Do not operate at radii or boom lengths (minimum or maximum) where capacities are not listed. At these positions, the crane can tip or cause boom failure.
9. The maximum loads which can be telescoped are not definable because of variation in loadings and crane maintenance, but it is permissible to attempt retraction and extension within the limits of the applicable load rating chart.

Not for crane operations

10. Boom extend mode EM5 is for fixed boom lengths only as shown on load rating charts. Rated lifting capacities are based on all sections pinned together. There is a 15,000 lb capacity given for telescoping the boom with rigging to the appropriate lengths for pinning the section(s) only in EM5 boom mode. Do not attempt to extend or retract the boom with more than 15,000 lb of rigging when utilizing EM5 boom mode.
11. For main boom capacities and 10' offset fly capacities when either boom length or radius, or both are between values listed, proceed as follows:
 - a. For boom lengths not listed, use rating for next longer boom length or next shorter boom length, whichever is smaller.
 - b. For load radii not listed, use rating for next larger radius.
12. The user shall operate at reduced ratings to allow for adverse job conditions such as: soft or uneven ground, out of level conditions, wind, side loads, pendulum action, jerking, or sudden stopping of loads, hazaous conditions, experience of personnel, traveling with loads, electrical wires, etc. Side load on boom and/or fly is dangerous and shall be avoided.
13. Rated lifting capacities do not account for the effects of excessive wind on a suspended load or boom. See "Wind Speed Restrictions" chart for allowed wind speed operation and appropriate capacity reduction.
14. For cold weather operation, rated capacities should be reduced by the following rule: a 1% reduction in rated capacity should be taken for each 1°F below 0°F. Example: if the temperature is –10°F a 10% reduction in rated capacities should be taken, at –40°F a 40% reduction.
15. Heat from the sun only on one side of the boom may cause a temperature differential between the sides of the boom. The thermal effects may cause boom distortion (the boom to "deflect" to one side) creating a side load on the boom and/or fly. Side loading is dangerous and shall be avoided. Refer to the Operator's Manual for more instructions.
16. For auxiliary lifting sheave capacities, use main boom charts minus auxiliary lifting sheave deduct. (See "Capacity Deductions".) The effective length of the boom increases by 2'.
17. Rated lifting capacities are based on correct reeving. A deduction must be made for excessive reeving. Any reeving over minimum required is considered excessive and must be accounted for when making lifts. Use the Working Range Diagram to estimate the extra feet of rope, then deduct the required rope weight (listed on the Wire Rope Capacity Chart) for each extra foot of wire rope before attempting to lift a load.
18. The loaded boom angle combined with the boom length gives only an approximation of the operating radius. The boom angle, before loading, should be greater to account for deflection. Some capacities are limited by a maximum obtainable 80° boom angle.
19. Offset fly capacities are determined by radius only for fully extended boom lengths. For offset fly capacities with main boom length less than fully extended, the rated capacities are determined by the boom angle. For angles not shown use the next lower boom angle to determine the rated capacity. When main boom length is less than the maximum boom length at 0° boom angle shown in the offset fly load charts, 800 lb capacity is allowed for rigging purposes.
20. The 41.4' boom length structural lifting capacities are based on boom fully retracted. If the boom is not fully retracted, do not exceed capacities shown for the 55' boom length.
21. Rated lifting capacities on tires depend on tire capacity, condition of tires, and tire air pressure. On tire capacities require lifting from main boom head only with the crane supported on a smooth, firm, and level surface. Pick and carry operations are restricted to speeds of 2.5 mph and creep. The boom must be centered over the rear of the crane with two position travel swing lock engaged and the load must be restrained from swinging. Lifts on tires with any fly erected are prohibited. For correct tire pressure, see "Tire Inflation".

Definitions:

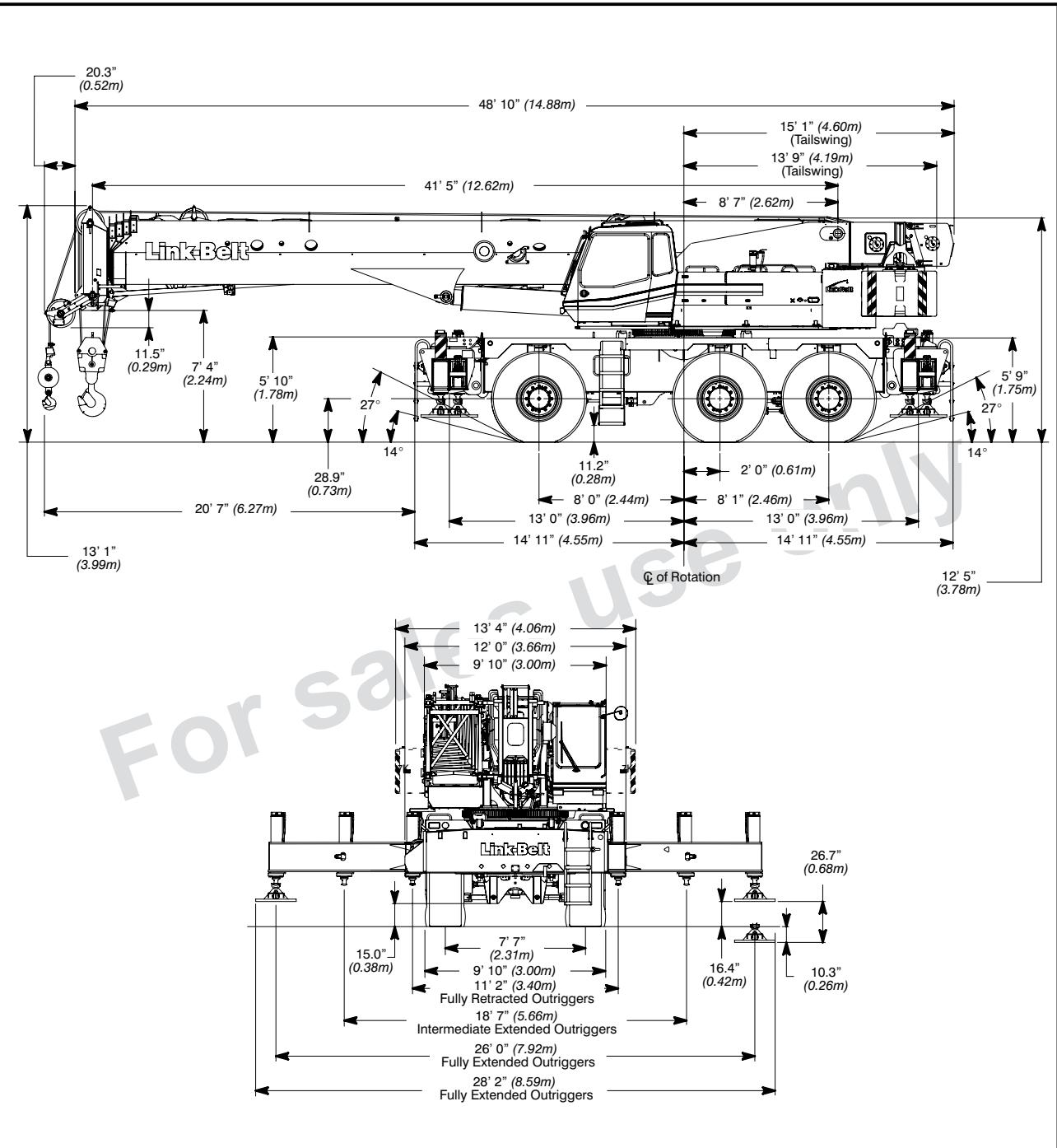
1. Loaded Boom Angle In Degrees: \angle ° The angle between the boom base section and horizontal with freely suspended load at the rated radius.
2. Load Radius: Horizontal distance from a projection of the axis of rotation to the supporting surface, before loading, to the center of the vertical hoist line or tackle with load applied.
3. Working Area: Area measured in a circular arc about the centerline of rotation as shown on the Working Areas Diagram.
4. Freely Suspended Load: Load hanging free with no direct external force applied except by the hoist line.
5. Side Load: Horizontal side force applied to the lifted load either on the ground or in the air.
6. No Load Stability Limit: The radius or boom angle beyond which it is not permitted to position the boom because the crane can overturn without any load on the hook.
7. Load Factor: Load applied at the boom tip which gives the same moment effect as the boom mass.
8. Creep: Crane movement limited to 200' in a 30 minute period and not to exceed 1 mph maximum speed.

Patents:

1. This crane is covered by one or more of the following patents:

6,131,750	6,357,773
6,499,612	6,601,719
6,308,973	

General Dimensions



Tire Inflation

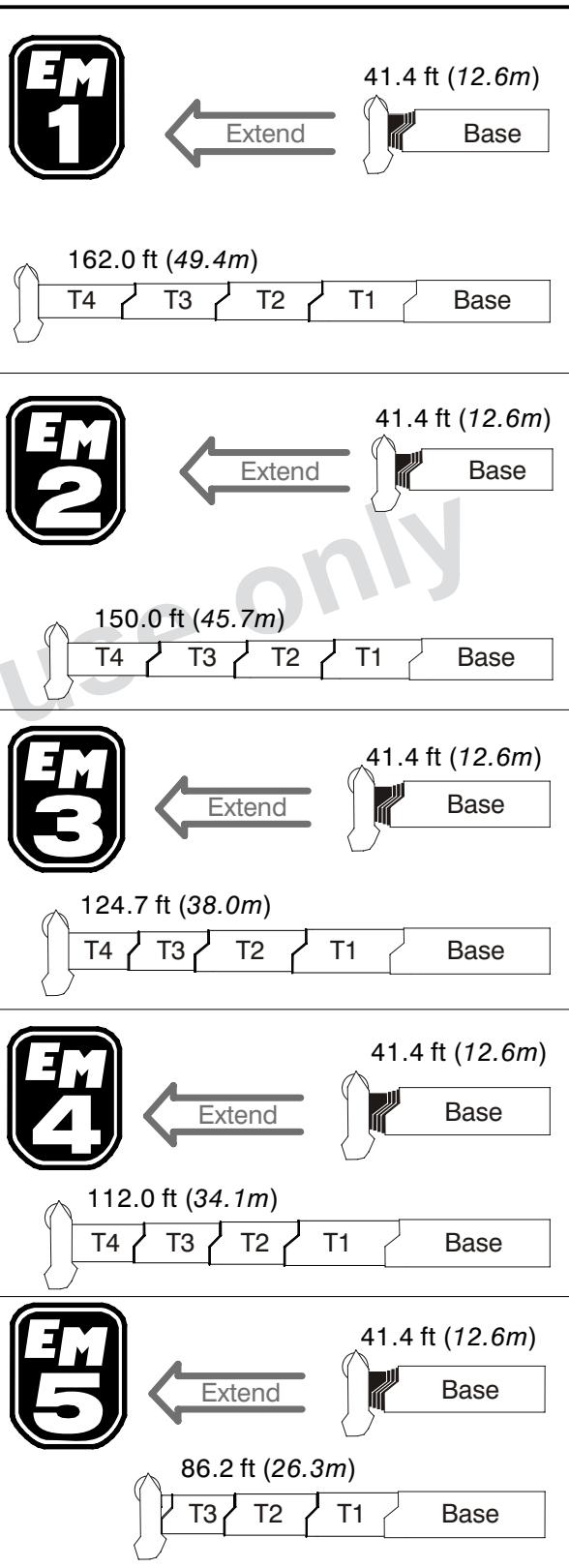
Tire Size	Operation	Tire Pressure (psi)
23.5 x 25 – 2 STAR	Stationary Creep 2.5 mph	102

Pontoon Loadings

Maximum Pontoon Load (lb)	Maximum Pontoon Ground Bearing Pressure (psi)
160,000	301

Boom Extend Modes

Boom Length (ft)	Boom Telescope Length (ft)				
	T4	T3	T2	T1	
41.4					
55	13.6 47%				
70	28.6 99%				
85	28.9 100%	14.7 49%			
100	28.9 100%	29.7 100%			
115	28.9 100%	29.7 100%	15.0 49%		
130	28.9 100%	29.7 100%	30.0 98%		
145	28.9 100%	29.7 100%	30.6 100%	14.4 46%	
155	28.9 100%	29.7 100%	30.6 100%	24.4 78%	
162	28.9 100%	29.7 100%	30.6 100%	31.4 100%	
Boom Length (ft)	Boom Telescope Length (ft)				
	T4	T3	T2	T1	
41.4					
55	13.6 47%				
70	25.9 90%	2.7 9%			
85	25.9 90%	17.7 60%			
100	25.9 90%	26.7 90%	6.0 20%		
115	25.9 90%	26.7 90%	21.0 69%		
130	25.9 90%	26.7 90%	27.6 90%	8.4 27%	
140	25.9 90%	26.7 90%	27.6 90%	18.4 59%	
150	25.9 90%	26.7 90%	27.6 90%	28.4 90%	
Boom Length (ft)	Boom Telescope Length (ft)				
	T4	T3	T2	T1	
41.4					
55	13.2 46%	0.4 1%			
70	13.2 46%	14.1 47%	1.3 4%		
85	13.2 46%	14.1 47%	16.3 53%		
100	13.2 46%	14.1 47%	27.6 90%	3.7 12%	
115	13.2 46%	14.1 47%	27.6 90%	18.7 60%	
124.7	13.2 46%	14.1 47%	27.6 90%	28.4 90%	
Boom Length (ft)	Boom Telescope Length (ft)				
	T4	T3	T2	T1	
41.4					
55	13.2 46%	0.4 1%			
70	13.2 46%	14.1 47%	1.3 4%		
85	13.2 46%	14.1 47%	14.9 49%	1.4 4%	
100	13.2 46%	14.1 47%	14.9 49%	16.4 52%	
112	13.2 46%	14.1 47%	14.9 49%	28.4 90%	
Boom Length (ft)	Fixed Length (ft)				
	T4	T3	T2	T1	
41.4					
55.5		14.1 47%			
70.4		14.1 47%	14.9 49%		
86.2		14.1 47%	14.9 49%	15.8 50%	



Not for crane operations

Boom Mode Performance – General Reference Guide

Shaded areas reflect maximum capacity at radius, based on boom modes and boom lengths.

	EM1	EM2	EM3	EM4	EM5		EM1	EM2	EM3	EM4	EM5		EM1	EM2	EM3	EM4	EM5
0 lb Counterweight						26,000 lb Counterweight						43,000 lb Counterweight					
Radius (ft)	Boom Length (ft)					Radius (ft)	Boom Length (ft)					Radius (ft)	Boom Length (ft)				
	55'				55.5'		55'			55.5'			55'			55.5'	
10						10						10					
25						25						25					
45						45						45					
	70'				70.4'		70'			70.4'			70'			70.4'	
10						10						10					
25						25						25					
40						40						40					
55						55						55					
	85'				86.2'		85'			86.2'			85'			86.2'	
15						15						15					
30						30						30					
45						45						45					
60						60						60					
75						75						75					
	100'						100'						100'				
25						25						25					
35						35						35					
45						45						45					
55						55						55					
65						65						65					
75						75						75					
85						85						85					
	115'				115.6'		115'			115.6'		115'			115.6'		112'
25						25						25					
35						35						35					
45						45						45					
60						60						60					
75						75						75					
90						90						90					
105						105						105					
	130'				124.7'		130'			124.7'			130'			124.7'	
25						25						25					
40						40						40					
55						55						55					
70						70						70					
85						85						85					
105						105						105					
120						120						120					
	145'				140'		145'			140'		145'			140'		
30						30						30					
45						45						45					
60						60						60					
75						75						75					
95						95						95					
115						115						115					
135						135						135					
	155'				150'		155'			150'			155'			150'	
35						35						35					
50						50						50					
65						65						65					
80						80						80					
100						100						100					
120						120						120					
140						140						140					

Not for crane operations

Winch Performance

Wire Rope Layer	Winch Line Pulls		Drum Rope Capacity (ft)	
	Two Speed Winch			
	Low Speed	High Speed	Layer	Total
1	21,022	9,474	125	125
2	18,968	8,549	138	263
3	17,280	7,788	152	415
4	15,868	7,151	165	580
5	14,669	6,611	179	759
6	13,639	6,147	192	951

*Maximum lifting capacity: Type GC Rope=30,285 lb, Type RB Rope=17,520 lb, Type ZB Rope=20,920 lb

Wire Rope Capacity Chart

Maximum Lifting Capacities Based On Wire Rope Strength				Wire Rope Line Pull – Fifth Layer*
Parts of Line	7/8"	7/8"	7/8"	
	Type GC	Type RB	Type ZB	
1	30,285	17,520	20,920	14,669
2	60,570	35,040	41,840	29,338
3	90,855	52,560	62,760	44,007
4	121,140	70,080	83,680	58,676
5	151,425	87,600	104,600	73,345
6	181,710	105,120	125,520	88,014
7	211,995	122,640	146,440	102,683
8	242,280	140,160	167,360	117,352
9	272,565	157,680	188,280	132,021
10	302,850	175,200	209,200	146,690
11	–	192,720	230,120	161,359
12	–	210,240	251,040	176,028
13	–	227,760	271,960	190,697
14	–	245,280	292,880	205,366
Rope Weight - Pounds Per Foot	1.5	1.6	1.5	N/A
LBCE Type	Description			
GC	4 Strand, Low Torque, Compacted Strand, Right Regular Lay			
RB	18 X 19 Rotation Resistant – Compacted Strand – High Strength Preformed, Right Regular Lay			
ZB	34 X 7 Non-Rotating, E.I.P.S., Right Regular Lay or Right Lang Lay			

* Available low speed winch line pull on fifth layer wire rope.

Notes:

1. Capacities shown are in pounds and working loads must not exceed the ratings on the capacity charts in this Crane Rating Manual.
2. Capacity deducts for auxiliary lifting devices do not apply for wire rope strength capacities.
3. Special reeving is required when using more than 12 parts of line.
4. Consult Operator's Manual for wire rope inspection procedures, single part of line applications, and reeving diagrams.
5. Due to the high single line pull allowable when using type "GC" wire rope, it is recommended that the winch available line pull be used to calculate the required parts of line to make the lift. (Calculations are given for fifth layer. See Wire Rope Capacity Chart above.)

If using other than the fifth layer, calculate per the follow examples:

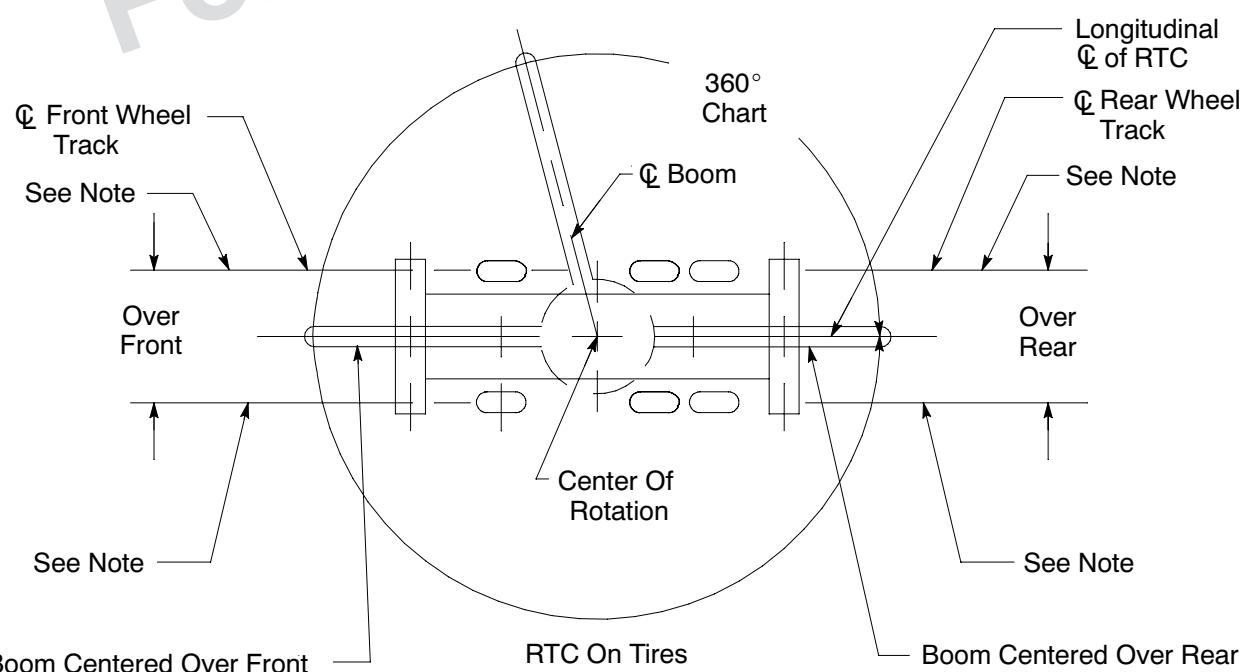
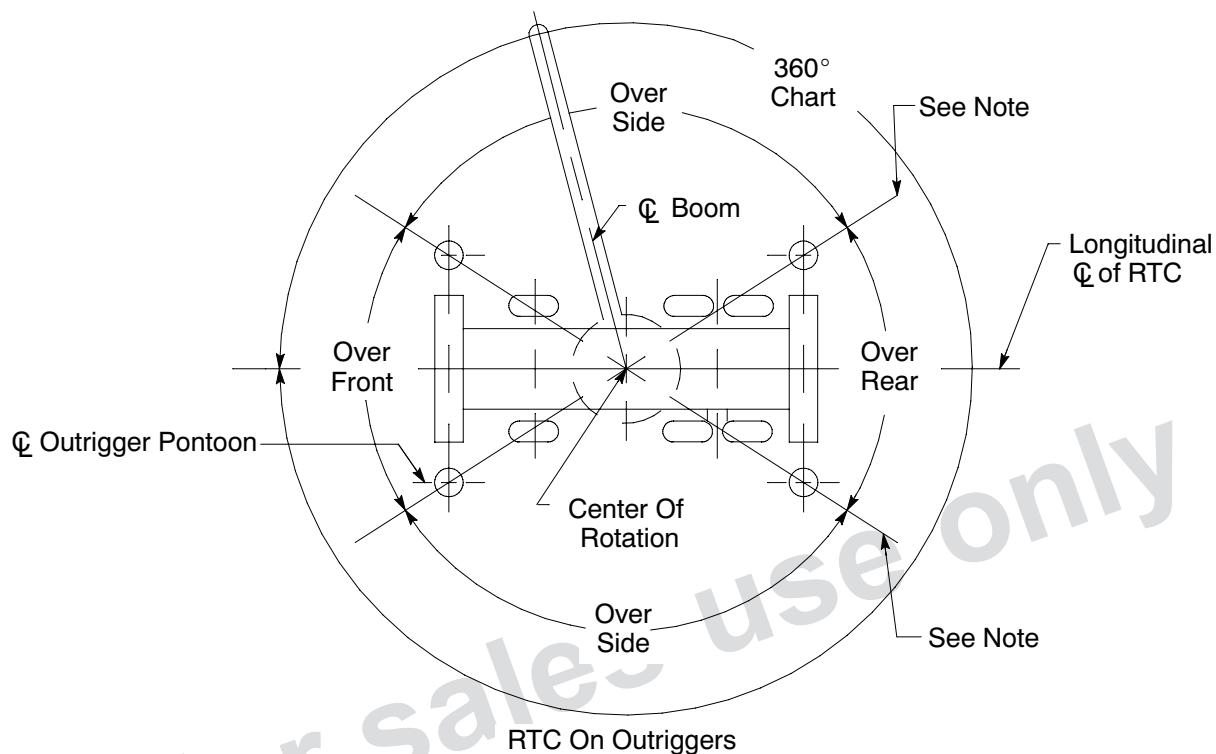
Using the 1st layer line pull to lift from: (Load(lb)/21,022=Parts of line)

Using the 5th layer line pull to lift from: (Load(lb)/14,669=Parts of line)

If the above formula is not used to calculate parts of line for the type "GC" wire rope, the possibility exists that the wire rope single line pull will be greater than the winch available line pull, causing the winch to stall.

Not for crane operations

Working Areas



Note: These Lines Determine The Limiting Position Of Any Load For Operation Within Working Areas Indicated.

Not for crane operations

Capacity Deductions

Load Handling Equipment	Weight (lb)
35 Ton Quick Reeve 1 Sheave Hook Block (See Hook Block For Actual Weight)	1,100
50 Ton Quick Reeve 4 Sheave Hook Block (See Hook Block For Actual Weight)	1,200
80 Ton Quick Reeve 5 Sheave Hook Block (See Hook Block For Actual Weight)	1,410
100 Ton Quick Reeve 6 Sheave Hook Block (See Hook Block For Actual Weight)	1,750
140 Ton Quick Reeve 7 Sheave Hook Block (See Hook Block For Actual Weight)	2,400
12 Ton Hook Ball (See Hook Ball For Actual Weight)	720

Auxiliary Lifting Devices	Weight (lb)
Auxiliary Lifting Sheave Attached	100
Lifting From Main Boom With:	
10', 31', or 55' Fly Stowed On Boom Base (See Operation Note 5)	0
10' Offset Fly Erected But Not Used	2,700
31' Offset Fly Erected But Not Used	5,700
55' Offset Fly Erected But Not Used	10,500
73' Offset Fly Erected But Not Used	Prohibited
91' Offset Fly Erected But Not Used	Prohibited
109' Offset Fly Erected But Not Used	Prohibited
18' Fly Extension Erected But Not Used	3,100
Lifting From 10' or 33' Offset Fly With:	
21' Fly Erected But Not Used	Prohibited
24' Fly Tip Erected But Not Used	Prohibited
24' Fly Tip Stowed On 31' Offset Fly	Prohibited
Note: Capacity deductions are for Link-Belt supplied equipment only.	

Not for crane operations

Allowable Crane Configurations Main Boom

O/R Position	Ctwt (lb)	Boom Length (ft)							
		EM1	EM2	EM3	EM4	EM5			
Full	0	41.4–162	41.4–150	41.4–124.7	41.4–112	41.4–86.2			
	14,000								
	17,000		41.4–150						
	26,000		41.4–124.7						
	29,000		41.4–112	41.4–86.2					
	43,000								
Intermediate	0	41.4–130	41.4–130	41.4–115	41.4–112	41.4–86.2			
	14,000	41.4–162	41.4–150	41.4–124.7					
	17,000								
	26,000								
	29,000								
	43,000								
Retracted	0	41.4–100	41.4–100	41.4–85	41.4–85	41.4–70.4			
	14,000	41.4–130	41.4–130	41.4–115	41.4–112	41.4–86.2			
	17,000								
	26,000								
	29,000								
	43,000								
On Tires	0	41.4–85	Prohibited						
	14,000	41.4–130	Prohibited						
	17,000		Prohibited						
	26,000		Prohibited						
	29,000		Prohibited						
	43,000		Prohibited						

Allowable Crane Configurations Main Boom + Attachments

O/R Position	Ctwt (lb)	Fly Length (ft)		Boom Length (ft)		EM1, EM2, or EM3						
		10' Fly	31' Fly	55' Fly	73' Fly		18' Ext.					
Full	0	EM1 41.4–162 EM2 41.4–150 EM3 41.4–124.7	Prohibited									
	14,000											
	17,000											
	26,000											
	29,000											
	43,000											
Intermediate	0	EM1 41.4–162 EM2 41.4–150 EM3 41.4–124.7	Prohibited									
	14,000											
	17,000											
	26,000											
	29,000											
	43,000											
Retracted	0–43,000											
On Tires	0–43,000											

Not for crane operations

Hydraulic Circuit Pressure Settings

Function	Pressure (psi)
Outrigger	3,000
Pilot Control	575
Park Brake	350
Carrier Charge Circuit	325
Travel/Winch Pump Charge Circuit	380
Boom Hoist Raise/Boom Telescope Retract	4,550
Boom Telescope Extend	3,300
Boom Hoist Lower	2,000
Swing	2,200
Counterweight Removal (If Equipped)	1,000
Boom Pinning Cylinder Extend	100

Wind Speed Restrictions

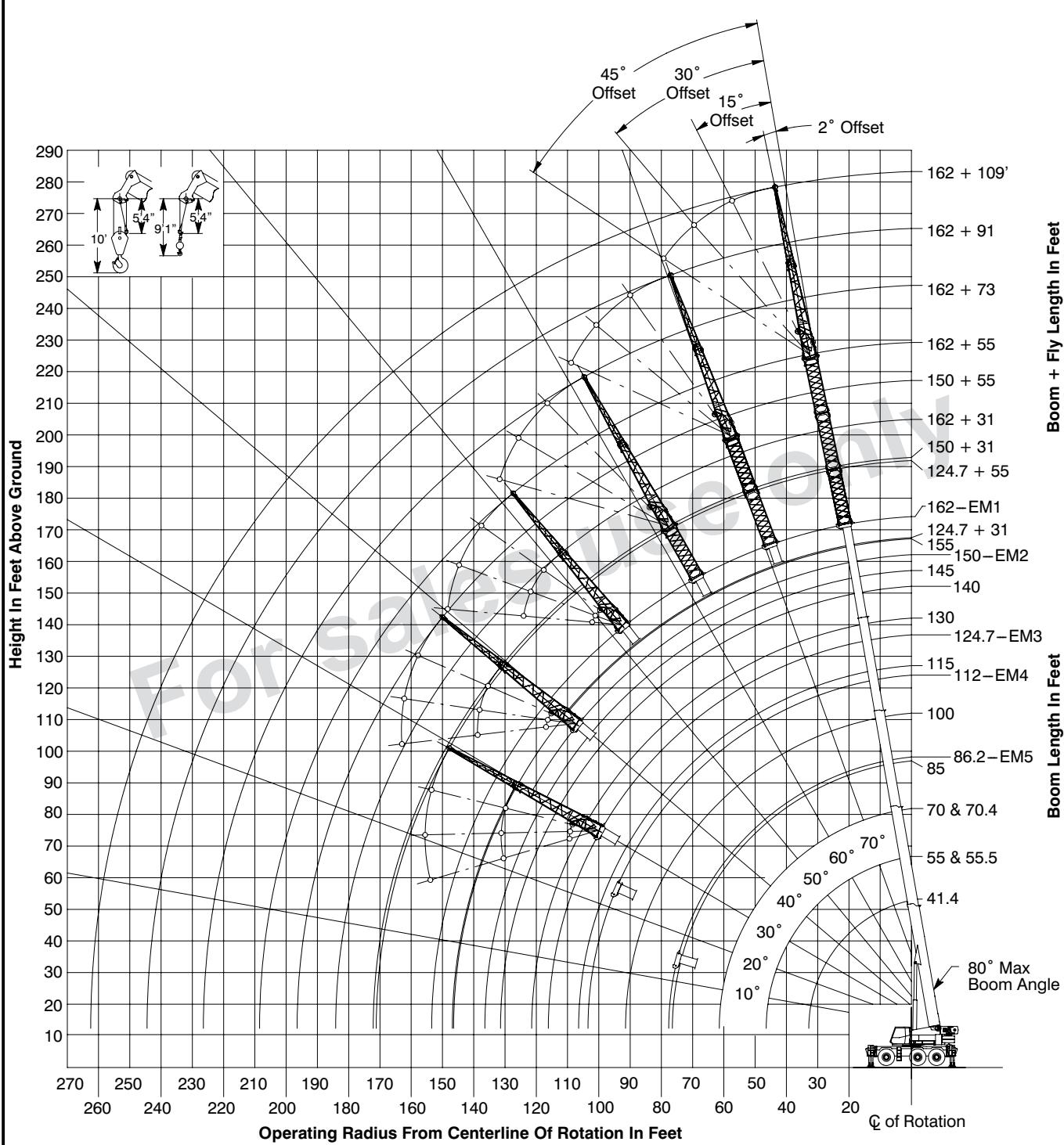
If The Wind Speed Is:	Rated Lifting Capacities Must Be Reduced By At Least:
Main Boom, 10', 31', & 55' Fly	
0–20 mph	Normal Lifting Operations (See Capacity Charts)
21–29 mph	40%
30–39 mph	70%
40 mph or greater	Crane operation must be shutdown and the boom retracted and lowered to horizontal.
73', 91', & 109' Fly	
0–16 mph	Normal Lifting Operations (See Capacity Charts)
17–23 mph	40%
24–31 mph	70%
32 mph or greater	Crane operation must be shutdown and the boom retracted and lowered to horizontal.
<ul style="list-style-type: none"> Additional reductions are required for loads with large wind sail area. These restrictions are based on crane on fully extended outriggers. When wind speed for normal operation is exceeded, the operator shall add 10° to all minimum boom angles due to no load stability and shall not boom down below that angle. 	

Backward Stability – Maximum Boom Angle

Counterweight (lb)	On Tires			Outrigger Position		
	Side	Front	Rear	Retracted	Intermediate	Full
0	71°	76°	80°	80°	80°	
14,000	62°	69°	80°	80°		
17,000	58°	65°	80°	80°		
26,000	46°	55°	80°	74°		
29,000	41°	51°	80°	71°		
43,000	0°	27°	80°	56°		

Maximum boom angle is based on retracted boom at the least stable over side position.

Working Range Diagram



Note: Boom and fly geometry shown are for unloaded condition and crane standing level on firm supporting surface. Boom deflection, subsequent radius, and boom angle change must be accounted for when applying load to hook.



WARNING

Do Not Lower The Boom Below The Minimum Boom Angle For No Load Stability As Shown In The Lift Charts For The Boom Lengths Given. Loss Of Stability Will Occur Causing A Tipping Condition.

Not for crane operations

**This Page Left Blank
Intentionally**

Not for crane operations

Rated Lifting Capacities In Pounds Stationary - Between Tire Tracks				Without Outrigger Boxes				
Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft	
	24°	Over Rear	24°	Over Rear	24°	Over Rear	24°	Over Rear
10	68.5		54,000					
		54,000						
12	65.5	54,000						
15	60.5	45,100	68.5	28,100	69.0	20,100		
20	51.5	23,700	62.5	28,100				
25	41.0	13,700	56.5	17,800			69.0	14,700
30	27.0	7,900	49.5	11,800	59.5	14,200	65.5	14,700
35			41.5	7,800	54.5	10,100	61.5	10,800
40			32.0	5,100	49.0	7,300	57.5	8,000
45			17.5	3,000	43.0	5,100	53.5	5,900
50					36.0	3,500	48.5	4,200
55					27.5	2,200	44.0	2,900
Min.Bm. Ang./Cap.	0.0	5,400	0.0	2,500	24.5		38.5	
Radius (ft)	32.8		46.5		56.2		59.8	

Rated Lifting Capacities In Pounds Pick & Carry - Boom Centered Over Rear				Without Outrigger Boxes				
Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft	
	24°	Over Rear	24°	Over Rear	24°	Over Rear	24°	Over Rear
10	68.5		51,900					
		51,900						
12	65.5	51,900						
15	60.5	32,200	68.5	21,000	69.0	15,300		
20	51.5	16,800	62.5	21,000				
25	41.0	9,100	56.0	13,000			69.0	11,100
30	27.0	4,500	49.5	8,200	59.5	10,500	65.5	11,100
35			41.5	5,000	54.5	7,200	61.5	7,900
40			32.0	2,700	49.0	4,800	57.5	5,600
45					43.0	3,100	53.0	3,800
50							48.5	2,400
Min.Bm. Ang./Cap.	13.0		30.5		38.0		46.5	
Radius (ft)	31.5		40.5		48.5		52.1	

Not for crane operations

Rated Lifting Capacities In Pounds Stationary - 360°		Without Outrigger Boxes On Tires-360°				EM 1		
Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		80.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°
10	68.5	40,300						
12	65.5	28,100						
15	60.5	17,300	68.5	21,500				
20	51.5	8,100	62.5	11,900	68.5	14,200		
25	41.0	3,100	56.0	6,700	64.0	8,900	69.0	9,600
30			49.5	3,400	59.5	5,500	65.0	6,300
35					54.5	3,200	61.5	3,900
40							57.5	2,200
Min.Bm. Ang./Cap.	37.5	0	43.5	0	48.5	0	54.0	0
Radius (ft)	26.3		33.8		40.5		43.8	

! WARNING

Do Not Raise Boom Above 71° Boom Angle. Loss Of Backward Stability Will Occur Causing A Tipping Condition.

Not for crane operations

Rated Lifting Capacities In Pounds Stationary - Between Tire Tracks			With Outrigger Boxes		0 lb		EM 1	
Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft	
	24°	Over Rear	24°	Over Rear	24°	Over Rear	24°	Over Rear
10	68.5	60,500						
12	65.5	60,500						
15	60.5	48,800	68.5	33,900				
20	51.5	29,500	62.5	33,900	69.0	24,300		
25	41.0	17,900	56.5	22,100	64.5	24,300	69.5	18,000
30	27.0	11,200	49.5	15,200	59.5	17,400	65.5	18,000
35			41.5	10,600	54.5	12,900	61.5	13,600
40			32.0	7,400	49.0	9,600	57.5	10,400
45			17.5	5,100	43.0	7,200	53.5	7,900
50					36.0	5,300	49.0	6,000
55					27.5	3,900	44.0	4,500
60					15.0	2,700	38.5	3,300
65							32.5	2,300
Min.Bm. Ang./Cap.	0.0	8,400	0.0	4,400	0.0	2,400	28.5	
Radius (ft)	32.8		46.5		61.5		67.6	

Rated Lifting Capacities In Pounds Pick & Carry - Boom Centered Over Rear			With Outrigger Boxes		0 lb		EM 1	
Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft	
	24°	Over Rear	24°	Over Rear	24°	Over Rear	24°	Over Rear
10	68.5	60,500						
12	65.5	60,500						
15	60.5	38,800	68.5	25,400				
20	51.5	21,100	62.5	25,400	69.0	18,500		
25	41.0	12,400	56.5	16,300	64.0	18,500	69.0	13,800
30	27.0	7,100	49.5	10,800	59.5	13,100	65.5	13,800
35			41.5	7,200	54.5	9,400	61.5	10,100
40			32.0	4,600	49.0	6,700	57.5	7,400
45					43.0	4,700	53.0	5,400
50					36.0	3,200	48.5	3,900
55							44.0	2,600
Min.Bm. Ang./Cap.	0.0	4,800	17.5		29.5		41.0	
Radius (ft)	32.8		45.0		53.9		57.5	

Not for crane operations

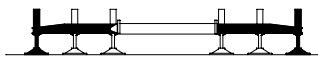
Rated Lifting Capacities In Pounds Stationary - 360°			With Outrigger Boxes On Tires-360°				0 lb		EM 1
Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		80.0 ft		
	24°	360°	24°	360°	24°	360°	24°	360°	
10	68.5	43,000							
12	65.5	33,000							
15	60.5	21,000	68.5	25,100					
20	51.5	10,700	62.5	14,500	68.5	16,700			
25	41.0	5,100	56.0	8,600	64.0	10,900	69.0	11,500	
30			49.5	5,000	59.5	7,100	65.5	7,800	
35			41.5	2,500	54.5	4,500	61.5	5,200	
40					49.0	2,700	57.5	3,400	
45							53.0	1,900	
Min.Bm. Ang./Cap.	30.5	0	37.5	0	44.0	0	50.5	0	
Radius (ft)	28.8		37.0		44.3		47.8		

! WARNING

Do Not Raise Boom Above 71° Boom Angle. Loss Of Backward Stability Will Occur Causing A Tipping Condition.

Not for crane operations

**Rated Lifting Capacities
In Pounds**



Full

0 lb

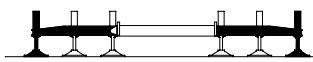


Load Radius (ft)	41.4 ft			55.0 ft			70.0 ft		
	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front
10	69.0	240,600	240,600	74.5	77,300	77,300	77.5	51,000	51,000
12	66.0	208,500	208,500	72.5	77,300	77,300	76.5	51,000	51,000
15	61.0	166,700	166,700	69.0	77,300	77,300	74.0	51,000	51,000
20	52.0	123,200	123,200	63.0	77,300	77,300	69.5	51,000	51,000
25	41.5	79,400	80,700	57.0	77,300	77,300	65.0	51,000	51,000
30	27.0	51,500	52,400	49.5	57,100	58,000	60.0	51,000	51,000
35				42.0	41,700	42,400	55.0	44,400	45,100
40				32.5	31,800	32,400	49.5	34,600	35,100
45				17.5	24,900	25,400	43.5	27,700	28,200
50							36.5	22,600	23,100
55							28.0	18,700	19,100
60							15.0	15,700	16,100
Min.Bm. Ang./Cap.	0.0	41,700	42,500	0.0	23,300	23,700	0.0	13,900	13,900
Radius (ft)	32.8			46.5			61.5		

Load Radius (ft)	85.0 ft			100.0 ft			115.0 ft		
	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front
15	76.5	51,200	51,200						
20	73.5	51,200	51,200	76.0	47,900	47,900			
25	70.0	51,200	51,200	73.5	47,900	47,900	76.0	48,100	48,100
30	66.5	51,200	51,200	70.5	43,600	43,600	73.5	44,400	44,400
35	62.5	45,200	45,900	67.5	39,300	39,300	71.0	40,100	40,100
40	58.5	35,100	35,700	64.0	35,600	35,600	68.5	35,200	35,700
45	54.0	28,400	28,900	60.5	28,800	29,300	65.5	28,400	28,900
50	49.5	23,400	23,800	57.0	23,800	24,200	62.5	23,400	23,800
55	44.5	19,500	19,900	53.5	19,900	20,300	59.0	19,600	19,900
60	39.0	16,600	16,900	49.5	17,000	17,200	56.0	16,700	17,100
65	33.0	14,100	14,400	45.5	14,600	14,900	53.0	14,300	14,600
70	25.5	12,000	12,300	41.0	12,600	12,800	49.5	12,300	12,500
75	13.5	10,300	10,500	36.0	10,800	11,100	46.0	10,600	10,800
80				30.0	9,300	9,600	42.0	9,200	9,400
85				23.0	8,100	8,300	38.0	7,900	8,100
90				12.5	7,000	7,200	33.5	6,800	7,000
95							28.0	5,800	6,000
100							21.5	5,000	5,100
105							11.5	4,200	4,400
Min.Bm. Ang./Cap.	0.0	9,900	10,100	0.0	6,700	6,900	0.0	4,000	4,200
Radius (ft)	76.5			91.5			106.5		

Not for crane operations

**Rated Lifting Capacities
In Pounds**



Full

0 lb

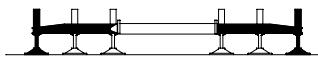


Load Radius (ft)	130.0 ft			145.0 ft		
	24°	360°	Over Front	24°	360°	Over Front
25	77.5	37,100	37,100			
30	75.5	37,100	37,100	77.5	32,800	32,800
35	73.5	36,000	36,000	75.5	32,800	32,800
40	71.5	32,700	32,700	74.0	32,800	32,800
45	69.0	28,100	28,600	71.5	27,300	27,800
50	66.0	23,100	23,500	69.5	22,300	22,800
55	63.5	19,300	19,700	67.0	18,500	18,900
60	61.0	16,500	16,800	64.5	15,800	16,100
65	58.0	14,000	14,300	62.0	13,400	13,700
70	55.5	12,000	12,300	60.0	11,400	11,600
75	52.5	10,300	10,600	57.5	9,700	10,000
80	49.5	8,900	9,200	55.0	8,300	8,500
85	46.0	7,700	7,900	52.0	7,100	7,300
90	43.0	6,600	6,800	49.5	6,000	6,200
95	39.5	5,700	5,900	46.5	5,100	5,300
100	35.5	4,800	5,000	43.5	4,200	4,400
105	31.0	4,100	4,200	40.5	3,500	3,700
110	26.0	3,400	3,500	37.0	2,800	3,000
115	20.0	2,800	2,900	33.5	2,200	2,400
120	10.5	2,200	2,400	29.5	1,700	1,800
Min.Bm. Ang./Cap.	0.0	2,100	2,300	25.0		
Radius (ft)		121.5			125.0	

Load Radius (ft)	155.0 ft			162.0 ft		
	24°	360°	Over Front	24°	360°	Over Front
35	77.0	28,900	28,900	77.0	26,100	26,100
40	75.5	28,900	28,900	76.0	26,100	26,100
45	73.5	26,900	27,400	74.5	26,100	26,100
50	71.0	21,900	22,300	72.0	21,600	22,000
55	69.0	18,100	18,500	70.0	17,800	18,200
60	66.5	15,400	15,700	68.0	15,100	15,500
65	64.5	13,000	13,300	66.0	12,700	13,000
70	62.5	11,000	11,300	63.5	10,700	11,000
75	60.0	9,300	9,600	61.5	9,100	9,300
80	57.5	7,900	8,100	59.5	7,700	7,900
85	55.5	6,700	6,900	57.0	6,500	6,700
90	53.0	5,600	5,800	55.0	5,400	5,600
95	50.5	4,700	4,900	52.5	4,500	4,700
100	48.0	3,900	4,100	50.0	3,700	3,800
105	45.0	3,200	3,300	47.5	2,900	3,100
110	42.5	2,500	2,700	45.0	2,300	2,400
115	39.5	1,900	2,100	42.5	1,700	1,800
120	36.0	1,300	1,500			
Min.Bm. Ang./Cap.	34.5			39.5		
Radius (ft)		122.0			119.6	

Not for crane operations

**Rated Lifting Capacities
In Pounds**

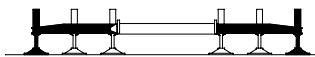


Load Radius (ft)	41.4 ft			55.0 ft			70.0 ft		
	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front
10	69.0	240,600	240,600	74.5	77,300	77,300	78.0	67,800	67,800
12	66.0	208,500	208,500	72.5	77,300	77,300	76.5	67,800	67,800
15	61.0	166,700	166,700	69.0	77,300	77,300	74.0	67,800	67,800
20	52.0	123,200	123,200	63.0	77,300	77,300	69.5	67,800	67,800
25	41.5	79,400	80,700	57.0	77,300	77,300	65.0	66,900	66,900
30	27.0	51,500	52,400	49.5	57,100	58,000	60.5	59,800	59,800
35				42.0	41,700	42,400	55.0	44,200	44,900
40				32.5	31,800	32,400	49.5	34,400	34,900
45				17.5	24,900	25,400	43.5	27,500	28,000
50							36.5	22,500	22,900
55							28.0	18,600	18,900
60							15.0	15,500	15,900
Min.Bm. Ang./Cap.	0.0	41,700	42,500	0.0	23,300	23,700	0.0	14,800	15,100
Radius (ft)	32.8			46.5			61.5		

Load Radius (ft)	85.0 ft			100.0 ft			115.0 ft		
	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front
15	77.0	68,100	68,100						
20	74.0	66,100	66,100	76.5	60,000	60,000			
25	70.0	58,200	58,200	73.5	53,400	53,400	76.5	49,300	49,300
30	66.5	51,700	51,700	70.5	47,700	47,700	73.5	44,100	44,100
35	62.5	45,000	45,700	67.5	43,100	43,100	71.0	39,800	39,800
40	58.5	35,000	35,600	64.0	35,100	35,700	68.5	34,700	35,300
45	54.0	28,200	28,700	60.5	28,400	28,900	65.5	28,000	28,500
50	49.5	23,200	23,600	57.0	23,300	23,800	62.5	23,000	23,500
55	44.5	19,400	19,800	53.5	19,500	19,900	59.5	19,200	19,600
60	39.0	16,400	16,800	49.5	16,600	17,000	56.0	16,400	16,700
65	33.0	13,900	14,200	45.5	14,200	14,500	53.0	13,900	14,200
70	25.5	11,900	12,200	41.0	12,200	12,500	49.5	11,900	12,200
75	13.5	10,200	10,400	36.0	10,400	10,700	46.0	10,300	10,500
80				30.5	9,000	9,200	42.0	8,800	9,100
85				23.0	7,700	7,900	38.0	7,600	7,800
90				12.5	6,600	6,800	33.5	6,500	6,700
95							28.0	5,500	5,700
100							21.5	4,700	4,800
105							11.5	3,900	4,100
Min.Bm. Ang./Cap.	0.0	9,700	10,000	0.0	6,300	6,600	0.0	3,700	3,900
Radius (ft)	76.5			91.5			106.5		

Not for crane operations

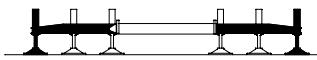
**Rated Lifting Capacities
In Pounds**



Load Radius (ft)	130.0 ft			140.0 ft			150.0 ft		
	45°	360°	Over Front	45°	360°	Over Front	45°	360°	Over Front
25	78.0	45,100	45,100						
30	76.0	43,200	43,200	77.5	37,200	37,200	78.0	31,900	31,900
35	74.0	39,100	39,100	75.5	37,200	37,200	76.5	31,900	31,900
40	71.5	34,300	34,700	73.5	33,700	34,300	75.0	31,900	31,900
45	69.0	27,400	27,900	71.0	26,900	27,400	72.5	26,500	27,000
50	66.5	22,400	22,900	68.5	21,900	22,400	70.5	21,500	21,900
55	63.5	18,600	19,000	66.0	18,200	18,500	68.0	17,700	18,100
60	61.0	15,800	16,200	63.5	15,400	15,700	66.0	15,000	15,300
65	58.0	13,400	13,700	61.0	13,000	13,300	63.5	12,600	12,900
70	55.5	11,400	11,700	58.5	11,000	11,300	61.0	10,600	10,900
75	52.5	9,800	10,000	56.0	9,300	9,600	59.0	9,000	9,200
80	49.5	8,300	8,600	53.5	7,900	8,200	56.5	7,600	7,800
85	46.5	7,100	7,300	50.5	6,700	6,900	54.0	6,400	6,600
90	43.0	6,100	6,300	47.5	5,700	5,900	51.5	5,300	5,500
95	39.5	5,100	5,300	44.5	4,700	4,900	49.0	4,400	4,600
100	35.5	4,300	4,400	41.5	3,900	4,100	46.0	3,600	3,800
105	31.5	3,500	3,700	38.0	3,200	3,300	43.0	2,800	3,000
110	26.5	2,800	3,000	34.5	2,500	2,600	40.0	2,200	2,300
115	20.5	2,200	2,400	30.5	1,900	2,000	37.0	1,600	1,700
120	11.0	1,700	1,800	25.5	1,300	1,500			
Min.Bm. Ang./Cap.	0.0	1,600	1,700	25.0			34.0		
Radius (ft)	121.5			122.0			118.5		

Not for crane operations

**Rated Lifting Capacities
In Pounds**



0 lb

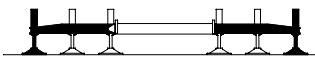


Load Radius (ft)	41.4 ft			55.0 ft			70.0 ft			85.0 ft		
	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front
10	69.0	240,600	240,600	74.5	73,800	73,800	78.0	68,700	68,700			
12	66.0	208,500	208,500	72.5	73,800	73,800	76.5	68,700	68,700			
15	61.0	166,700	166,700	69.0	73,800	73,800	74.0	68,700	68,700	77.0	69,100	69,100
20	52.0	123,200	123,200	63.0	73,800	73,800	70.0	68,700	68,700	74.0	69,100	69,100
25	41.5	79,400	80,700	57.0	73,800	73,800	65.0	68,700	68,700	70.5	69,100	69,100
30	27.0	51,500	52,400	49.5	57,000	58,000	60.0	58,600	59,600	66.5	58,500	59,500
35				42.0	41,700	42,400	55.0	43,100	43,800	62.5	43,000	43,700
40				32.5	31,700	32,300	49.5	33,300	33,900	58.0	33,300	33,900
45				17.5	24,900	25,400	43.5	26,600	27,100	54.0	26,500	27,000
50							36.5	21,500	22,000	49.5	21,600	22,000
55							28.0	17,700	18,100	44.5	17,800	18,200
60							15.0	14,700	15,000	39.0	14,900	15,300
65										33.0	12,500	12,800
70										25.5	10,400	10,700
75										13.5	8,700	9,000
Min.Bm. Ang./Cap.	0.0	41,700	42,500	0.0	23,200	23,700	0.0	13,900	14,200	0.0	8,300	8,500
Radius (ft)	32.8			46.5			61.5			76.5		

Load Radius (ft)	100.0 ft			115.0 ft			124.7 ft		
	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front
20	76.5	61,000	61,000						
25	73.5	59,400	59,400	76.5	55,300	55,300	78.0	51,000	51,000
30	70.5	52,800	52,800	74.0	49,400	49,400	75.5	45,400	45,400
35	67.5	42,700	43,400	71.5	41,800	42,500	73.5	40,600	40,600
40	64.0	33,000	33,600	68.5	32,200	32,800	70.5	31,800	32,400
45	60.5	26,300	26,800	65.5	25,500	26,000	68.0	25,100	25,600
50	57.0	21,300	21,800	62.5	20,600	21,000	65.0	20,200	20,600
55	53.0	17,600	18,000	59.5	17,000	17,200	62.0	16,700	17,100
60	49.5	14,800	15,100	56.0	14,100	14,400	59.5	13,800	14,100
65	45.0	12,400	12,700	53.0	11,700	12,000	56.5	11,400	11,700
70	41.0	10,400	10,700	49.5	9,800	10,100	53.5	9,400	9,700
75	36.0	8,700	8,900	46.0	8,100	8,400	50.5	7,800	8,100
80	30.0	7,200	7,500	42.0	6,700	7,000	47.5	6,400	6,700
85	23.0	6,000	6,200	38.0	5,500	5,700	44.0	5,200	5,500
90	12.5	4,900	5,100	33.5	4,400	4,600	40.0	4,200	4,400
95				28.0	3,500	3,700	36.5	3,200	3,400
100				21.5	2,700	2,800	32.0	2,400	2,600
105				11.5	1,900	2,100	27.0	1,700	1,800
Min.Bm. Ang./Cap.	0.0	4,600	4,800	0.0	1,700	1,900	23.5		
Radius (ft)	91.5			106.5			107.7		

Not for crane operations

**Rated Lifting Capacities
In Pounds**



0 lb

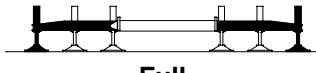


Load Radius (ft)	41.4 ft			55.0 ft			70.0 ft		
	27°	360°	Over Front	27°	360°	Over Front	27°	360°	Over Front
10	69.0	240,600	240,600	74.5	73,800	73,800	78.0	68,700	68,700
12	66.0	208,500	208,500	72.5	73,800	73,800	76.5	68,700	68,700
15	61.0	166,700	166,700	69.0	73,800	73,800	74.0	68,700	68,700
20	52.0	123,200	123,200	63.0	73,800	73,800	70.0	68,700	68,700
25	41.5	79,400	80,700	57.0	73,800	73,800	65.0	68,700	68,700
30	27.0	51,500	52,400	49.5	57,000	58,000	60.0	58,600	59,600
35				42.0	41,700	42,400	55.0	43,100	43,800
40				32.5	31,700	32,300	49.5	33,300	33,900
45				17.5	24,900	25,400	43.5	26,600	27,100
50							36.5	21,500	22,000
55							28.0	17,700	18,100
60							15.0	14,700	15,000
Min.Bm. Ang./Cap.	0.0	41,700	42,500	0.0	23,200	23,700	0.0	13,900	14,200
Radius (ft)	32.8			46.5			61.5		

Load Radius (ft)	85.0 ft			100.0 ft			112.0 ft		
	27°	360°	Over Front	27°	360°	Over Front	27°	360°	Over Front
15	77.0	64,900	64,900						
20	74.0	64,900	64,900	76.5	65,200	65,200	78.5	56,400	56,400
25	70.5	64,900	64,900	74.0	65,200	65,200	76.0	55,500	55,500
30	66.5	58,400	59,300	71.0	57,200	58,100	73.5	48,900	48,900
35	62.5	42,900	43,600	67.5	41,900	42,600	70.5	41,200	41,900
40	58.0	33,200	33,800	64.0	32,200	32,800	67.5	31,700	32,300
45	54.0	26,400	26,900	60.5	25,500	26,000	64.5	25,000	25,500
50	49.5	21,500	21,900	57.0	20,600	21,100	61.5	20,100	20,600
55	44.5	17,700	18,100	53.5	17,100	17,300	58.0	16,600	17,000
60	39.0	14,900	15,200	49.5	14,100	14,500	55.0	13,700	14,000
65	33.0	12,400	12,700	45.5	11,800	12,100	51.5	11,300	11,600
70	25.5	10,300	10,600	41.0	9,800	10,100	48.0	9,400	9,600
75	13.5	8,600	8,900	36.0	8,100	8,400	44.5	7,700	8,000
80				30.5	6,700	6,900	40.5	6,300	6,600
85				23.5	5,400	5,600	36.0	5,100	5,300
90				12.5	4,300	4,600	31.0	4,000	4,200
95							25.0	3,100	3,300
100							16.5	2,200	2,400
Min.Bm. Ang./Cap.	0.0	8,200	8,500	0.0	4,100	4,300	0.0	1,700	1,900
Radius (ft)	76.5			91.5			103.5		

Not for crane operations

**Rated Lifting Capacities
In Pounds**



Load Radius (ft)	41.4 ft			55.5 ft		
	24°	360°	Over Front	24°	360°	Over Front
10	69.0	240,600	240,600	74.5	157,000	157,000
12	66.0	208,500	208,500	72.5	157,000	157,000
15	61.0	166,700	166,700	69.5	157,000	157,000
20	52.0	123,200	123,200	63.5	125,900	125,900
25	41.5	79,400	80,700		83,600	84,900
30	27.0	51,500	52,400	50.0	55,600	56,500
35				42.5	40,400	41,100
40				33.0	30,600	31,200
45				19.5	23,800	24,300
Min.Bm. Ang./Cap.	0.0	41,700	42,500	0.0	21,600	22,100
Radius (ft)	32.8			47.0		

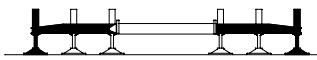
Load Radius (ft)	70.4 ft			86.2 ft		
	24°	360°	Over Front	24°	360°	Over Front
10	78.5	151,100	151,100			
12	77.0	150,200	150,200			
15	74.5	135,800	135,800	78.0	105,500	105,500
20	70.0	116,900	116,900	74.5	89,800	89,800
25	65.5	84,200	85,600		77,900	77,900
30	60.5	56,200	57,100	67.0	55,200	56,100
35	55.0	40,900	41,700	63.0	40,100	40,800
40	50.0	31,400	31,900	59.0	30,600	31,200
45	44.0	24,700	25,200	54.5	24,000	24,500
50	37.0	19,800	20,200	50.0	19,200	19,600
55	29.0	16,000	16,400	45.5	15,600	16,000
60	16.5	13,000	13,300	40.0	12,700	13,000
65				34.5	10,300	10,600
70				27.0	8,300	8,600
75				17.0	6,600	6,900
Min.Bm. Ang./Cap.	0.0	12,000	12,400	0.0	5,800	6,100
Radius (ft)	61.9			77.7		

Not for crane operations

**This Page Left Blank
Intentionally**

Not for crane operations

**Rated Lifting Capacities
In Pounds**



14,000 lb



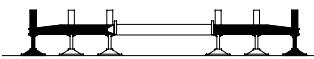
Full

Load Radius (ft)	41.4 ft			55.0 ft			70.0 ft		
	27°	360°	Over Front	27°	360°	Over Front	27°	360°	Over Front
10	69.0	240,600	240,600	74.5	77,300	77,300	77.5	51,000	51,000
12	66.0	218,000	218,000	72.5	77,300	77,300	76.5	51,000	51,000
15	61.0	176,300	176,300	69.0	77,300	77,300	74.0	51,000	51,000
20	52.0	130,600	130,600	63.0	77,300	77,300	69.5	51,000	51,000
25	41.5	102,300	102,300	57.0	77,300	77,300	65.0	51,000	51,000
30	27.0	69,300	70,200	50.0	74,800	75,700	60.0	51,000	51,000
35				42.0	55,400	56,100	55.0	49,600	49,600
40				32.5	42,900	43,500	50.0	45,100	45,100
45				18.0	34,300	34,800	43.5	37,100	37,600
50							37.0	30,800	31,300
55							28.5	25,900	26,300
60							15.5	22,100	22,500
Min.Bm. Ang./Cap.	0.0	56,900	57,700	0.0	26,500	26,500	0.0	13,900	13,900
Radius (ft)		32.8			46.5			61.5	

Load Radius (ft)	85.0 ft			100.0 ft			115.0 ft		
	27°	360°	Over Front	27°	360°	Over Front	27°	360°	Over Front
15	76.5	51,200	51,200						
20	73.5	51,200	51,200	76.0	47,900	47,900			
25	70.0	51,200	51,200	73.5	47,900	47,900	76.0	48,100	48,100
30	66.5	51,200	51,200	70.5	43,600	43,600	73.5	44,400	44,400
35	62.5	46,700	46,700	67.5	39,300	39,300	71.0	40,100	40,100
40	58.5	42,300	42,300	64.0	35,600	35,600	68.5	36,500	36,500
45	54.5	37,700	38,200	61.0	32,500	32,500	65.5	33,300	33,300
50	50.0	31,500	32,000	57.5	29,800	29,800	63.0	30,600	30,600
55	45.0	26,700	27,100	54.0	27,100	27,500	60.0	26,800	27,200
60	39.5	22,900	23,300	50.0	23,300	23,700	56.5	23,000	23,300
65	33.5	19,800	20,100	45.5	20,300	20,600	53.5	19,900	20,200
70	25.5	17,300	17,500	41.0	17,800	18,000	50.0	17,400	17,700
75	14.0	15,200	15,400	36.5	15,700	16,000	46.5	15,500	15,700
80				30.5	13,900	14,100	42.5	13,700	13,900
85				23.5	12,300	12,500	38.5	12,100	12,300
90				12.5	10,900	11,100	34.0	10,700	10,900
95							28.5	9,500	9,700
100							22.0	8,400	8,600
105							12.0	7,500	7,700
Min.Bm. Ang./Cap.	0.0	11,800	11,800	0.0	9,400	9,400	0.0	7,300	7,500
Radius (ft)		76.5			91.5			106.5	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



14,000 lb

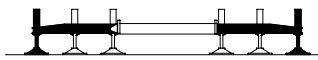


Full

Load Radius (ft)	130.0 ft			145.0 ft		
	\times $^{\circ}$	360°	Over Front	\times $^{\circ}$	360°	Over Front
25	77.5	37,100	37,100			
30	75.5	37,100	37,100	77.5	32,800	32,800
35	73.5	36,000	36,000	75.5	32,800	32,800
40	71.5	32,700	32,700	74.0	32,800	32,800
45	69.0	29,800	29,800	72.0	31,500	31,500
50	66.5	27,300	27,300	70.0	28,900	28,900
55	64.0	25,200	25,200	68.0	25,700	26,100
60	61.5	22,700	23,100	65.5	22,000	22,300
65	58.5	19,700	20,000	63.0	19,000	19,300
70	56.0	17,200	17,400	60.5	16,700	17,000
75	53.0	15,200	15,500	58.0	14,600	14,800
80	50.0	13,400	13,700	55.5	12,800	13,000
85	47.0	11,900	12,100	53.0	11,300	11,500
90	43.5	10,600	10,800	50.0	9,900	10,100
95	40.0	9,400	9,600	47.5	8,800	9,000
100	36.0	8,300	8,500	44.5	7,700	7,900
105	31.5	7,300	7,500	41.0	6,800	7,000
110	26.5	6,500	6,700	38.0	5,900	6,100
115	20.5	5,700	5,900	34.0	5,200	5,300
120	11.0	5,100	5,200	30.0	4,500	4,600
125				25.5	3,900	4,000
130				19.5	3,300	3,400
135				10.5	2,800	2,900
Min.Bm. Ang./Cap.	0.0	4,900	5,100	0.0	2,700	2,800
Radius (ft)		121.5			136.5	

Load Radius (ft)	155.0 ft			162.0 ft		
	\times $^{\circ}$	360°	Over Front	\times $^{\circ}$	360°	Over Front
35	77.0	28,900	28,900	77.0	26,100	26,100
40	75.5	28,900	28,900	76.0	26,100	26,100
45	73.5	28,900	28,900	74.5	26,100	26,100
50	72.0	27,200	27,200	72.5	26,100	26,100
55	70.0	25,100	25,100	71.0	24,100	24,100
60	67.5	21,600	21,900	69.0	21,300	21,600
65	65.5	18,600	18,900	66.5	18,300	18,600
70	63.0	16,300	16,600	64.5	16,000	16,300
75	61.0	14,200	14,500	62.5	14,000	14,200
80	58.5	12,400	12,700	60.0	12,200	12,400
85	56.0	10,900	11,100	58.0	10,700	10,900
90	53.5	9,600	9,800	55.5	9,300	9,500
95	51.0	8,400	8,600	53.5	8,200	8,400
100	48.5	7,400	7,500	51.0	7,100	7,300
105	46.0	6,400	6,600	48.5	6,200	6,400
110	43.0	5,600	5,800	46.0	5,400	5,600
115	40.0	4,900	5,000	43.0	4,700	4,800
120	36.5	4,200	4,300	40.0	4,000	4,100
125	33.0	3,500	3,700	37.0	3,300	3,500
130	29.5	3,000	3,100	34.0	2,800	2,900
135	24.5	2,500	2,600	30.0	2,300	2,400
140	19.0	2,000	2,100	26.0	1,800	1,900
145	10.5	1,600	1,700	21.0	1,300	1,500
Min.Bm. Ang./Cap.	0.0	1,500	1,600	18.0		
Radius (ft)		146.5			147.5	

**Rated Lifting Capacities
In Pounds**



14,000 lb



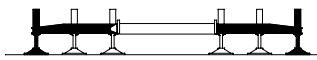
Full

Load Radius (ft)	41.4 ft			55.0 ft			70.0 ft		
	27°	360°	Over Front	27°	360°	Over Front	27°	360°	Over Front
10	69.0	240,600	240,600	74.5	77,300	77,300	78.0	67,800	67,800
12	66.0	218,000	218,000	72.5	77,300	77,300	76.5	67,800	67,800
15	61.0	176,300	176,300	69.0	77,300	77,300	74.0	67,800	67,800
20	52.0	130,600	130,600	63.0	77,300	77,300	69.5	67,800	67,800
25	41.5	102,300	102,300	57.0	77,300	77,300	65.0	66,900	66,900
30	27.0	69,300	70,200	50.0	74,800	75,700	60.5	59,800	59,800
35				42.0	55,400	56,100	55.5	54,000	54,000
40				32.5	42,900	43,500	50.0	45,500	46,100
45				18.0	34,300	34,800	43.5	36,900	37,400
50							37.0	30,600	31,100
55							28.5	25,800	26,100
60							15.5	21,900	22,300
Min.Bm. Ang./Cap.	0.0	56,900	57,700	0.0	26,500	26,500	0.0	15,300	15,300
Radius (ft)		32.8			46.5			61.5	

Load Radius (ft)	85.0 ft			100.0 ft			115.0 ft		
	27°	360°	Over Front	27°	360°	Over Front	27°	360°	Over Front
15	77.0	68,100	68,100						
20	74.0	66,100	66,100	76.5	60,000	60,000			
25	70.0	58,200	58,200	73.5	53,400	53,400	76.5	49,300	49,300
30	66.5	51,700	51,700	70.5	47,700	47,700	73.5	44,100	44,100
35	62.5	46,400	46,400	67.5	43,100	43,100	71.0	39,800	39,800
40	58.5	42,100	42,100	64.5	39,300	39,300	68.5	36,100	36,100
45	54.5	37,600	38,100	61.0	36,000	36,000	65.5	33,000	33,000
50	50.0	31,400	31,800	57.5	31,500	31,900	63.0	30,300	30,300
55	45.0	26,600	27,000	54.0	26,700	27,100	60.0	26,400	26,800
60	39.5	22,800	23,100	50.0	22,900	23,300	56.5	22,600	23,000
65	33.5	19,700	20,000	45.5	19,900	20,200	53.5	19,600	19,900
70	25.5	17,200	17,400	41.0	17,400	17,700	50.0	17,200	17,400
75	14.0	15,000	15,300	36.5	15,300	15,600	46.5	15,100	15,400
80				30.5	13,500	13,700	42.5	13,400	13,600
85				23.5	11,900	12,100	38.5	11,800	12,000
90				12.5	10,500	10,800	34.0	10,400	10,600
95							28.5	9,200	9,400
100							22.0	8,100	8,300
105							12.0	7,200	7,400
Min.Bm. Ang./Cap.	0.0	12,900	12,900	0.0	10,200	10,400	0.0	7,000	7,100
Radius (ft)		76.5			91.5			106.5	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



14,000 lb

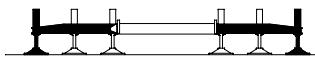


Full

Load Radius (ft)	130.0 ft			140.0 ft			150.0 ft		
	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front
25	78.0	45,100	45,100						
30	76.0	43,200	43,200	77.5	37,200	37,200	78.0	31,900	31,900
35	74.0	39,100	39,100	75.5	37,200	37,200	76.5	31,900	31,900
40	71.5	35,700	35,700	73.5	34,900	34,900	75.0	31,900	31,900
45	69.5	32,700	32,700	71.5	32,000	32,000	73.0	30,000	30,000
50	67.0	30,100	30,100	69.5	29,400	29,400	71.0	27,500	27,500
55	64.5	25,800	26,200	67.0	25,400	25,700	69.0	24,900	25,300
60	61.5	22,100	22,400	64.5	21,600	22,000	66.5	21,200	21,600
65	59.0	19,100	19,400	62.0	18,600	18,900	64.5	18,200	18,500
70	56.0	16,700	17,000	59.5	16,300	16,600	62.0	15,900	16,200
75	53.0	14,600	14,900	56.5	14,200	14,500	59.5	13,900	14,100
80	50.0	12,900	13,100	54.0	12,400	12,700	57.0	12,100	12,300
85	47.0	11,300	11,500	51.0	10,900	11,100	54.5	10,600	10,800
90	43.5	10,000	10,200	48.5	9,600	9,800	52.0	9,200	9,400
95	40.0	8,800	9,000	45.5	8,400	8,600	49.5	8,100	8,300
100	36.0	7,700	7,900	42.0	7,400	7,600	46.5	7,000	7,200
105	32.0	6,800	7,000	38.5	6,400	6,600	44.0	6,100	6,300
110	27.0	6,000	6,100	35.0	5,600	5,800	40.5	5,300	5,500
115	20.5	5,200	5,400	31.0	4,800	5,000	37.5	4,500	4,700
120	11.0	4,500	4,700	26.0	4,200	4,300	34.0	3,900	4,000
125				20.0	3,500	3,700	30.0	3,200	3,400
130				11.0	3,000	3,100	25.0	2,700	2,800
135							19.5	2,100	2,300
140							10.5	1,700	1,800
Min.Bm. Ang./Cap.	0.0	4,400	4,500	0.0	2,900	3,000	0.0	1,600	1,700
Radius (ft)	121.5			131.5			141.5		

Not for crane operations

**Rated Lifting Capacities
In Pounds**



14,000 lb

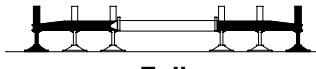


Load Radius (ft)	41.4 ft			55.0 ft			70.0 ft		
	27°	360°	Over Front	27°	360°	Over Front	27°	360°	Over Front
10	69.0	240,600	240,600	74.5	73,800	73,800	78.0	68,700	68,700
12	66.0	218,000	218,000	72.5	73,800	73,800	76.5	68,700	68,700
15	61.0	176,300	176,300	69.0	73,800	73,800	74.0	68,700	68,700
20	52.0	130,600	130,600	63.0	73,800	73,800	70.0	68,700	68,700
25	41.5	102,300	102,300	57.0	73,800	73,800	65.5	68,700	68,700
30	27.0	69,300	70,200	50.0	73,800	73,800	60.5	68,700	68,700
35				42.0	55,300	56,100	55.0	56,700	57,500
40				32.5	42,900	43,500	49.5	44,500	45,100
45				18.0	34,300	34,800	43.5	35,900	36,400
50							36.5	29,700	30,200
55							28.5	24,900	25,300
60							15.5	21,100	21,400
Min.Bm. Ang./Cap.	0.0	56,900	57,700	0.0	26,900	26,900	0.0	20,100	20,500
Radius (ft)	32.8			46.5			61.5		

Load Radius (ft)	85.0 ft			100.0 ft			112.0 ft		
	27°	360°	Over Front	27°	360°	Over Front	27°	360°	Over Front
15	77.0	64,900	64,900						
20	74.0	64,900	64,900	76.5	65,200	65,200	78.5	56,400	56,400
25	70.5	64,900	64,900	74.0	65,200	65,200	76.0	55,500	55,500
30	66.5	64,900	64,900	71.0	63,900	63,900	73.5	48,900	48,900
35	62.5	56,500	57,300	68.0	55,500	56,200	70.5	43,400	43,400
40	58.5	44,300	44,900	64.5	43,300	43,900	68.0	39,000	39,000
45	54.0	35,800	36,300	61.0	34,800	35,300	65.0	34,500	34,800
50	49.5	29,700	30,100	57.5	28,800	29,300	62.0	28,300	28,700
55	44.5	24,900	25,300	53.5	24,100	24,500	58.5	23,600	24,000
60	39.5	21,200	21,500	49.5	20,400	20,800	55.5	19,900	20,300
65	33.0	18,100	18,400	45.5	17,400	17,800	52.0	17,100	17,300
70	25.5	15,700	15,900	41.0	15,100	15,400	48.5	14,700	14,900
75	13.5	13,500	13,800	36.0	13,000	13,200	44.5	12,600	12,900
80				30.5	11,200	11,400	40.5	10,800	11,100
85				23.5	9,600	9,800	36.0	9,300	9,500
90				12.5	8,300	8,500	31.0	7,900	8,200
95							25.0	6,800	7,000
100							17.0	5,700	5,900
Min.Bm. Ang./Cap.	0.0	13,000	13,200	0.0	7,900	8,100	0.0	5,100	5,300
Radius (ft)	76.5			91.5			103.5		

Not for crane operations

**Rated Lifting Capacities
In Pounds**



14,000 lb



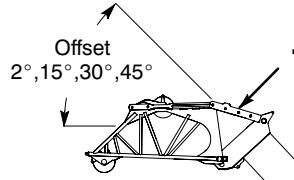
Load Radius (ft)	41.4 ft			55.5 ft		
	24°	360°	Over Front	24°	360°	Over Front
10	69.0	240,600	240,600	74.5	157,000	157,000
12	66.0	218,000	218,000	72.5	157,000	157,000
15	61.0	176,300	176,300	69.5	157,000	157,000
20	52.0	130,600	130,600	63.5	133,300	133,300
25	41.5	102,300	102,300	57.0	105,000	105,000
30	27.0	69,300	70,200	50.5	73,300	74,300
35				42.5	54,100	54,800
40				33.5	41,800	42,300
45				19.5	33,200	33,700
Min.Bm. Ang./Cap.	0.0	56,900	57,700	0.0	30,500	31,000
Radius (ft)	32.8			47.0		

Load Radius (ft)	70.4 ft			86.2 ft		
	24°	360°	Over Front	24°	360°	Over Front
10	78.5	151,100	151,100			
12	77.0	150,200	150,200			
15	74.5	135,800	135,800	78.0	105,500	105,500
20	70.0	116,900	116,900	74.5	89,800	89,800
25	65.5	102,400	102,400	71.0	77,900	77,900
30	60.5	73,900	74,800	67.0	68,500	68,500
35	55.5	54,600	55,300	63.5	53,700	54,400
40	50.0	42,500	43,100	59.0	41,700	42,200
45	44.0	34,200	34,700	55.0	33,400	33,900
50	37.0	28,000	28,400	50.5	27,300	27,800
55	29.0	23,200	23,500	45.5	22,700	23,100
60	17.0	19,400	19,700	40.5	19,000	19,400
65				34.5	16,100	16,400
70				27.5	13,600	13,900
75				17.5	11,500	11,700
Min.Bm. Ang./Cap.	0.0	18,200	18,500	0.0	10,500	10,700
Radius (ft)	61.9			77.7		

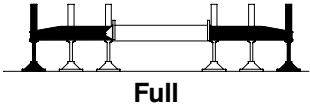
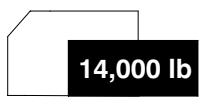
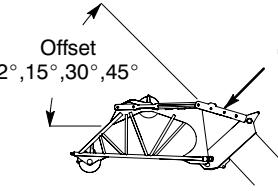
Not for crane operations

Rated Lifting Capacities In Pounds										
Boom Length (ft)	41.4	55.0	70.0	85.0	100.0	115.0	130.0	145.0	155.0	162.0
Load Radius (ft)										
10	51,800	51,800								
12	47,300	51,800	48,600							
15	46,400	46,800	48,600	48,600						
20	45,200	45,700	45,200	44,000	45,100					
25	44,600	44,800	44,500	43,400	41,200	38,300	28,900			
30	44,600	44,400	43,900	43,000	39,200	38,300	28,900	25,600	22,400	
35	44,600	44,300	41,300	41,300	35,200	36,400	28,900	25,600	22,400	
40	42,500	44,300	37,400	37,400	32,200	33,200	28,900	25,600	22,400	20,000
45		36,300	34,400	34,400	29,300	30,300	27,300	25,600	22,400	20,000
50		30,100	31,500	31,600	26,800	27,800	24,900	25,600	22,400	20,000
55		25,300	26,700	26,900	24,700	25,600	22,900	24,200	22,400	20,000
60			22,900	23,100	22,900	22,800	21,100	21,600	21,200	20,000
65			19,800	20,000	20,100	19,700	19,300	18,600	18,100	17,900
70			17,400	17,500	17,600	17,200	17,000	16,300	15,900	15,600
75				15,500	15,600	15,200	14,900	14,200	13,800	13,500
80				13,700	13,800	13,400	13,100	12,400	12,000	11,700
85				12,100	12,200	11,800	11,500	10,800	10,400	10,200
90					10,900	10,500	10,200	9,500	9,100	8,900
95					9,700	9,300	9,000	8,300	7,900	7,700
100					8,700	8,200	7,900	7,300	6,900	6,600
105						7,300	7,000	6,300	6,000	5,700
110						6,500	6,200	5,500	5,100	4,900
115						5,700	5,400	4,800	4,400	4,100
120							4,700	4,100	3,700	3,500
125							4,100	3,500	3,100	2,900
130							3,600	2,900	2,500	2,300
135								2,400	2,000	1,800
140								1,900	1,600	1,300
145								1,500		
Min.Bm. Ang./Cap.	0	34,200	0	18,300	0	10,600	0	9,000	0	7,300
Radius (ft)	42.8	56.5	71.5	86.5	101.5	116.5	131.5	146.5	144.8	142.2

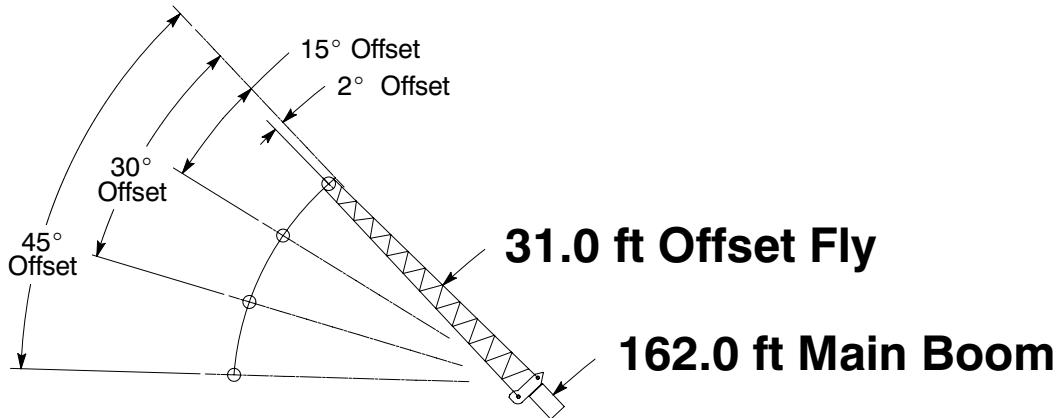
Not for crane operations

Rated Lifting Capacities In Pounds									
			Full		14,000 lb		EM 2		360°
Boom Length (ft)	41.4	55.0	70.0	85.0	100.0	115.0	130.0	140.0	150.0
Load Radius (ft)	 10.0 ft Offset Fly								
10	51,800	51,800							
12	47,300	51,800	51,800						
15	46,400	46,800	51,500	51,800					
20	45,200	45,700	45,400	44,400	48,000				
25	44,600	44,800	44,700	43,700	42,400	41,600	36,300		
30	44,600	44,400	44,100	43,200	41,800	40,000	36,300	29,900	25,400
35	44,600	44,300	43,600	40,800	37,800	36,100	34,100	29,900	25,400
40	42,500	44,300	39,700	37,000	34,500	33,000	32,200	29,900	25,400
45		36,300	36,400	34,100	31,700	30,100	29,500	29,500	25,400
50		30,100	31,400	31,300	29,200	27,600	27,100	27,100	25,400
55		25,300	26,500	26,800	26,700	25,400	25,100	24,900	23,300
60			22,700	23,000	22,900	22,500	21,800	21,300	20,900
65			19,700	19,900	19,800	19,400	18,800	18,300	17,800
70			17,200	17,400	17,300	17,000	16,400	16,000	15,600
75				15,300	15,300	14,900	14,300	13,900	13,500
80				13,500	13,500	13,100	12,500	12,100	11,700
85				12,000	11,900	11,500	11,000	10,500	10,200
90					10,600	10,200	9,600	9,200	8,800
95						9,400	9,000	8,500	8,000
100						8,300	8,000	7,400	7,000
105							7,000	6,500	6,100
110							6,200	5,700	5,200
115							5,500	4,900	4,500
120								4,300	3,800
125								3,600	3,200
130								3,100	2,700
135									2,100
140									1,700
145									1,300
150									
Min.Bm. Ang./Cap.	0	34,200	0	18,300	0	11,500	0	9,800	0
Radius (ft)	42.8	56.5	71.5	86.5	101.5	116.5	131.5	141.5	141.6

Not for crane operations

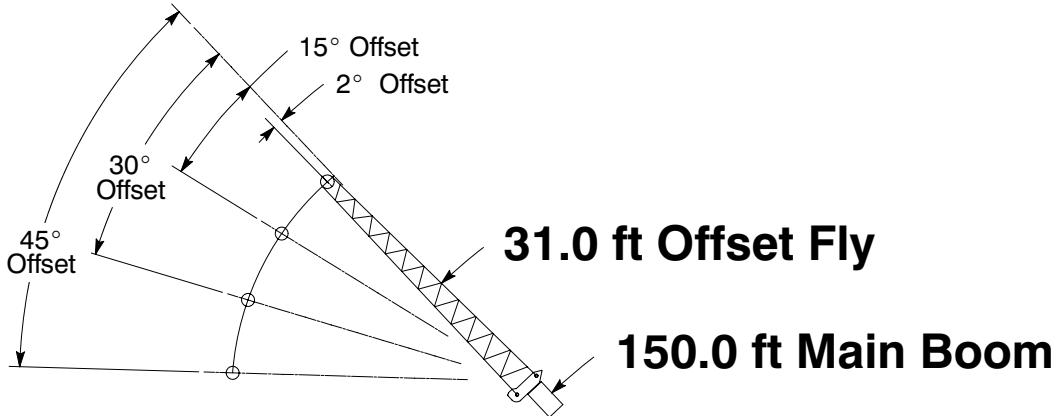
Rated Lifting Capacities In Pounds													
Boom Length (ft)	41.4	55.0	70.0	85.0	100.0	115.0	124.7						
Load Radius (ft)	 10.0 ft Offset Fly												
10	51,800	51,800											
12	47,300	51,800	51,800										
15	46,400	46,800	51,800	51,800									
20	45,200	45,700	46,000	45,800	51,800								
25	44,600	44,900	45,100	45,000	44,300	50,700					43,400		
30	44,600	44,400	44,500	44,400	43,800	42,800					41,600		
35	44,600	44,300	44,100	44,000	41,300	40,100					37,300		
40	42,500	44,300	44,000	43,700	37,500	36,400					34,000		
45		36,300	36,800	36,300	34,500	33,400					31,000		
50		30,100	30,600	30,200	29,700	28,900					28,300		
55		25,300	25,800	25,400	24,900	24,100					23,700		
60			22,000	21,600	21,200	20,400					19,900		
65			19,000	18,600	18,100	17,400					17,100		
70			16,500	16,200	15,800	15,000					14,700		
75				14,100	13,700	13,000					12,600		
80				12,300	11,900	11,200					10,800		
85				10,700	10,400	9,700					9,300		
90					9,000	8,300					8,000		
95					7,900	7,200					6,800		
100					6,800	6,100					5,800		
105						5,200					4,900		
110							4,400				4,000		
115							3,700				3,300		
120											2,600		
125											2,100		
Min.Bm. Ang./Cap.	0	34,200	0	18,500	0	15,800	0	10,400	0	6,600	0	3,500	
Radius (ft)	42.8		56.5		71.5		86.5		101.5		116.5		126.2

Not for crane operations



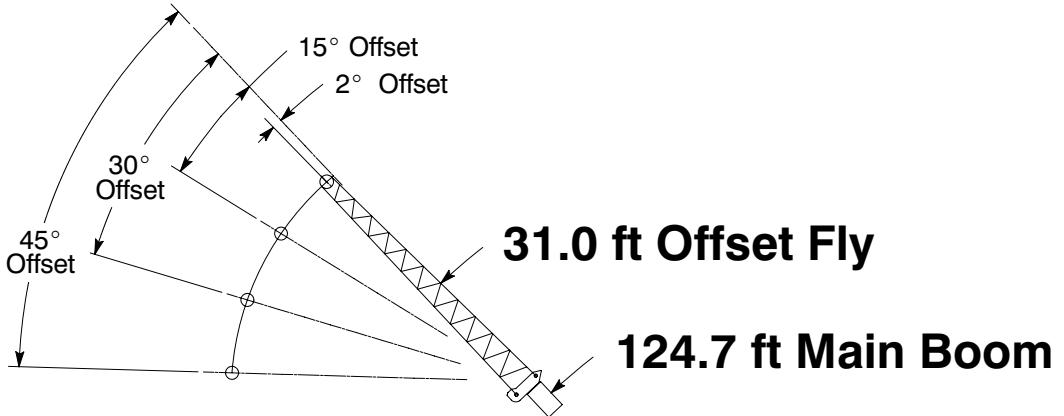
Rated Lifting Capacities In Pounds			Full		14,000 lb		EM 1	
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
35	79.0	14,600						
40	78.0	14,600						
45	77.0	14,600	79.0	14,600				
50	75.5	14,600	78.0	14,600				
55	74.5	14,600	76.5	14,600	78.5	14,300		
60	73.0	14,600	75.5	14,600	77.5	14,100	79.0	13,200
65	72.0	14,600	74.0	14,600	76.0	14,000	77.5	13,100
70	70.5	14,600	73.0	14,600	74.5	13,800	76.5	13,100
75	69.0	13,900	71.5	14,600	73.5	13,700	75.0	13,000
80	67.0	12,100	69.5	13,000	72.0	13,600	73.5	12,900
85	65.5	10,600	67.5	11,300	70.0	12,100	72.0	12,700
90	63.5	9,200	65.5	9,900	68.0	10,600	70.0	11,200
95	61.5	8,000	64.0	8,700	66.0	9,300	67.5	9,800
100	59.5	7,000	62.0	7,600	64.0	8,200	65.5	8,600
105	57.5	6,000	60.0	6,600	62.0	7,100	63.5	7,500
110	55.5	5,200	58.0	5,700	60.0	6,200	61.5	6,500
115	53.5	4,500	56.0	4,900	58.0	5,400	59.5	5,700
120	51.5	3,800	54.0	4,200	56.0	4,600	57.0	4,900
125	49.5	3,200	51.5	3,600	53.5	3,900	55.0	4,100
130	47.5	2,600	49.5	3,000	51.5	3,300	52.5	3,500
135	45.0	2,100	47.5	2,400	49.0	2,700	50.0	2,900
140	43.0	1,600	45.0	1,900	46.5	2,200	47.5	2,300
145	40.5	1,200	42.5	1,400	44.0	1,700		
150					41.5	1,200		
Min.Bm. Ang./Cap.	40.0		40.5		41.0		41.0	
Radius (ft)	146.2		148.7		151.2		152.0	
Maximum Boom Length At 0° Boom Angle (ft)	129							

Not for crane operations



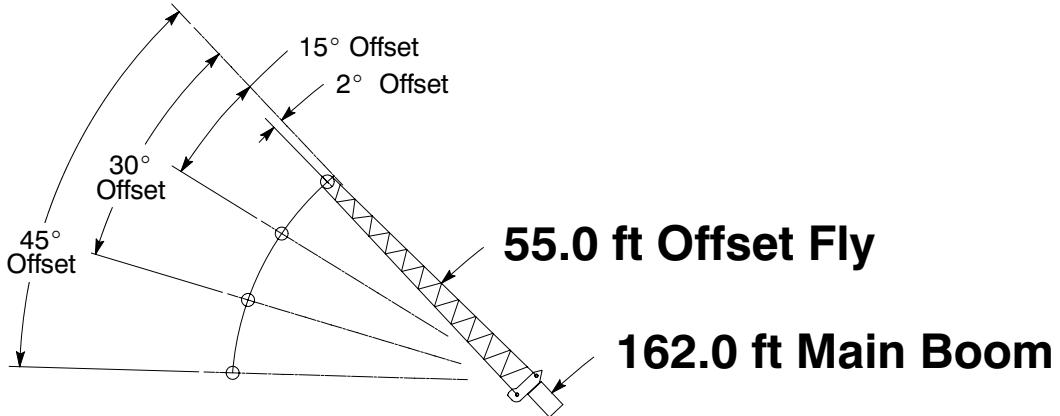
Rated Lifting Capacities In Pounds								
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
35	79.0	17,600						
40	77.5	17,600						
45	76.0	17,600	78.5	17,300				
50	75.0	17,600	77.0	17,000	79.0	15,300		
55	73.5	17,600	75.5	16,700	77.5	15,000	79.5	13,900
60	72.0	17,600	74.0	16,400	76.5	14,800	78.0	13,700
65	71.0	17,600	72.5	16,200	74.5	14,600	76.5	13,600
70	69.0	16,100	71.0	15,900	73.0	14,400	75.0	13,500
75	67.0	14,000	69.5	14,900	71.5	14,300	73.5	13,400
80	65.0	12,200	67.5	13,000	70.0	13,800	71.5	13,300
85	63.0	10,600	65.5	11,400	68.0	12,100	70.0	12,700
90	61.0	9,300	63.5	10,000	66.0	10,600	67.5	11,200
95	59.0	8,100	61.5	8,700	63.5	9,300	65.5	9,800
100	57.0	7,100	59.0	7,600	61.5	8,200	63.0	8,600
105	55.0	6,100	57.0	6,700	59.5	7,200	61.0	7,500
110	52.5	5,300	55.0	5,800	57.0	6,200	58.5	6,500
115	50.5	4,500	52.5	5,000	55.0	5,400	56.0	5,700
120	48.0	3,900	50.5	4,300	52.5	4,600	53.5	4,900
125	45.5	3,200	48.0	3,600	50.0	3,900	51.0	4,100
130	43.5	2,700	45.5	3,000	47.5	3,300	48.5	3,400
135	40.5	2,200	43.0	2,500	44.5	2,700	45.5	2,800
140	38.0	1,700	40.0	2,000	42.0	2,200		
145	35.0	1,200	37.5	1,500	39.0	1,700		
150					35.5	1,200		
Min.Bm. Ang./Cap.	34.5		34.0		34.5		34.5	
Radius (ft)	146.3		150.0		151.3		151.0	
Maximum Boom Length At 0° Boom Angle (ft)	126							

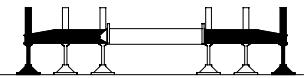
Not for crane operations



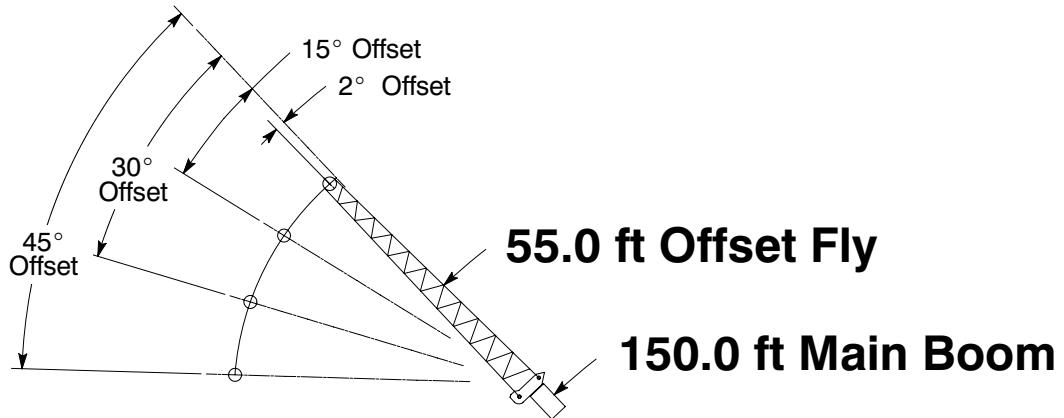
Rated Lifting Capacities In Pounds			Full		14,000 lb		EM 3	
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
30	78.5	28,100						
35	77.0	27,000	79.0	20,400				
40	75.5	26,000	77.5	20,400				
45	73.5	24,900	75.5	19,300	78.0	16,600		
50	72.0	24,000	74.0	18,700	76.0	16,300	78.5	14,700
55	70.0	23,100	72.0	18,200	74.5	15,900	76.5	14,500
60	68.0	20,400	70.0	17,700	72.5	15,600	74.5	14,300
65	65.5	17,900	68.0	17,300	70.5	15,300	72.5	14,100
70	63.5	15,600	66.0	16,600	68.5	15,000	70.5	14,000
75	61.0	13,500	64.0	14,400	66.5	14,800	68.5	13,800
80	58.5	11,700	61.5	12,500	64.0	13,300	66.0	13,700
85	56.5	10,100	59.0	10,900	61.5	11,600	63.5	12,100
90	54.0	8,800	56.5	9,500	59.0	10,100	61.0	10,600
95	51.5	7,600	54.0	8,200	56.5	8,800	58.0	9,200
100	49.0	6,600	51.5	7,100	54.0	7,600	55.5	8,000
105	46.0	5,700	49.0	6,100	51.0	6,600	52.5	6,900
110	43.5	4,800	46.0	5,300	48.0	5,600	49.5	5,900
115	40.5	4,100	43.0	4,500	45.0	4,800	46.0	5,000
120	37.0	3,400	40.0	3,800	41.5	4,000		
125	34.0	2,800	36.5	3,100	38.0	3,300		
130	30.0	2,200	32.5	2,500	34.0	2,700		
135	26.0	1,700	28.0	1,900				
140	20.5	1,300	23.0	1,400				
Min.Bm. Ang./Cap.	17.0		18.0		12.0		9.5	
Radius (ft)	142.5		143.0		142.3		141.4	
Maximum Boom Length At 0° Boom Angle (ft)	113							

Not for crane operations



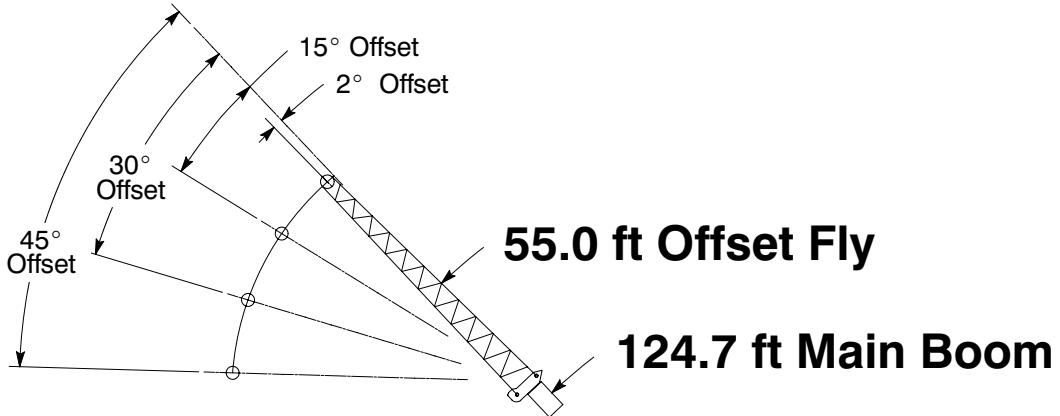
Rated Lifting Capacities In Pounds							EM 1
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset
	°	360°	°	360°	°	360°	°
40	79.5	10,600					
45	78.5	10,600					
50	77.5	10,600					
55	76.5	10,600					
60	75.5	10,600	78.5	9,700			
65	74.5	10,600	77.5	9,500			
70	73.5	10,500	76.5	9,400	79.5	8,300	
75	72.0	10,300	75.0	9,200	78.5	8,200	
80	71.0	10,200	74.0	9,000	77.0	8,100	
85	69.5	10,000	72.5	8,900	76.0	8,000	78.5
90	68.5	9,800	71.5	8,700	74.5	7,800	77.0
95	67.0	8,800	70.0	8,600	73.5	7,700	76.0
100	65.0	7,700	69.0	8,500	72.0	7,600	74.5
105	63.5	6,800	67.5	7,700	70.5	7,600	73.0
110	62.0	5,900	65.5	6,800	69.0	7,500	71.5
115	60.0	5,200	64.0	6,000	67.5	6,800	70.0
120	58.5	4,500	62.0	5,200	65.5	6,000	68.5
125	56.5	3,800	60.0	4,600	63.5	5,300	66.5
130	55.0	3,200	58.5	3,900	62.0	4,600	64.5
135	53.0	2,700	56.5	3,300	60.0	4,000	62.5
140	51.5	2,200	54.5	2,800	58.0	3,400	60.0
145	49.5	1,800	53.0	2,300	56.0	2,800	58.0
150	47.5	1,400	51.0	1,900	54.0	2,300	56.0
155			49.0	1,400	52.0	1,900	53.5
160					49.5	1,400	51.0
165							49.0
Min.Bm. Ang./Cap.	46.0		47.0		48.0		48.5
Radius (ft)	153.8		160.0		163.8		166.0
Maximum Boom Length At 0° Boom Angle (ft)					120		

Not for crane operations



Rated Lifting Capacities In Pounds			Full		14,000 lb			
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
40	79.5	12,700						
45	78.0	12,500						
50	77.0	12,200						
55	76.0	12,000	79.0	10,500				
60	74.5	11,700	78.0	10,300				
65	73.5	11,500	76.5	10,000				
70	72.0	11,200	75.5	9,800	79.0	8,600		
75	71.0	11,000	74.0	9,600	77.5	8,400		
80	69.5	10,700	72.5	9,400	76.0	8,300	79.0	7,600
85	68.0	10,500	71.5	9,200	74.5	8,200	77.5	7,500
90	66.5	10,200	70.0	9,000	73.0	8,000	76.0	7,400
95	65.0	8,900	68.5	8,900	71.5	7,900	74.5	7,400
100	63.0	7,900	67.0	8,700	70.0	7,800	73.0	7,300
105	61.5	6,900	65.0	7,900	68.5	7,700	71.5	7,200
110	59.5	6,100	63.5	6,900	67.0	7,600	69.5	7,200
115	57.5	5,300	61.5	6,100	65.0	6,900	68.0	7,200
120	56.0	4,600	59.5	5,300	63.0	6,100	66.0	6,600
125	54.0	4,000	57.5	4,700	61.0	5,300	64.0	5,800
130	52.0	3,400	55.5	4,000	59.0	4,600	61.5	5,100
135	50.0	2,900	53.5	3,500	57.0	4,000	59.5	4,400
140	48.0	2,400	51.5	2,900	55.0	3,400	57.0	3,800
145	46.0	1,900	49.5	2,400	52.5	2,900	54.5	3,200
150	44.0	1,500	47.5	2,000	50.5	2,400	52.0	2,600
155			45.0	1,500	48.0	1,900	49.5	2,100
160			43.0	1,200	45.5	1,500	46.5	1,600
Min.Bm. Ang./Cap.	42.0		42.5		43.0		43.5	
Radius (ft)	155.0		161.3		165.0		165.0	
Maximum Boom Length At 0° Boom Angle (ft)	118							

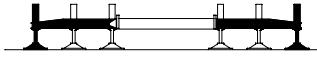
Not for crane operations



Rated Lifting Capacities In Pounds								
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
35	78.5	15,300						
40	77.5	14,800						
45	76.0	14,300	79.5	12,000				
50	74.5	13,800	78.0	11,600				
55	73.0	13,300	76.5	11,200				
60	71.5	12,800	75.0	10,900	79.0	9,300		
65	69.5	12,400	73.5	10,500	77.5	9,100		
70	68.0	12,000	72.0	10,200	76.0	8,900	79.0	8,000
75	66.5	11,600	70.0	9,900	74.0	8,700	77.5	7,800
80	65.0	11,200	68.5	9,700	72.5	8,500	75.5	7,700
85	63.0	10,800	67.0	9,400	70.5	8,300	74.0	7,600
90	61.0	9,900	65.0	9,200	69.0	8,200	72.0	7,600
95	59.0	8,700	63.0	9,000	67.0	8,000	70.0	7,500
100	57.0	7,700	61.5	8,600	65.0	7,900	68.0	7,400
105	55.0	6,700	59.0	7,600	63.0	7,800	66.0	7,400
110	53.0	5,900	57.0	6,700	61.0	7,500	63.5	7,300
115	50.5	5,100	54.5	5,900	58.5	6,600	61.5	7,100
120	48.5	4,400	52.5	5,100	56.0	5,800	58.5	6,200
125	46.0	3,800	50.0	4,400	53.5	5,000	56.0	5,400
130	43.5	3,200	47.5	3,800	51.0	4,300	53.0	4,600
135	41.0	2,700	45.0	3,200	48.0	3,700	50.0	3,900
140	38.5	2,200	42.0	2,700	45.5	3,100	46.5	3,200
145	35.5	1,800	39.5	2,200	42.0	2,500		
150	32.5	1,400	36.0	1,700	38.5	2,000		
155			32.5	1,300	35.0	1,500		
Min.Bm. Ang./Cap.	30.0		30.5		31.0		27.0	
Radius (ft)	153.8		157.5		159.0		155.3	
Maximum Boom Length At 0° Boom Angle (ft)	107							

Not for crane operations

**Rated Lifting Capacities
In Pounds**



17,000 lb

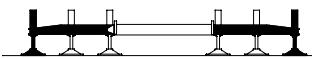


Load Radius (ft)	41.4 ft			55.0 ft			70.0 ft		
	27°	360°	Over Front	27°	360°	Over Front	27°	360°	Over Front
10	69.0	240,600	240,600	74.5	77,300	77,300	77.5	51,000	51,000
12	66.0	218,000	218,000	72.5	77,300	77,300	76.5	51,000	51,000
15	61.0	178,500	178,500	69.0	77,300	77,300	74.0	51,000	51,000
20	52.0	132,300	132,300	63.0	77,300	77,300	69.5	51,000	51,000
25	41.5	103,700	103,700	57.0	77,300	77,300	65.0	51,000	51,000
30	27.0	73,100	74,100	50.0	77,300	77,300	60.0	51,000	51,000
35				42.0	58,400	59,100	55.0	49,600	49,600
40				32.5	45,400	46,000	50.0	45,100	45,100
45				18.0	36,400	36,900	44.0	39,200	39,700
50							37.0	32,600	33,000
55							28.5	27,500	27,900
60							15.5	23,500	23,900
Min.Bm. Ang./Cap.	0.0	60,300	61,100	0.0	26,500	26,500	0.0	13,900	13,900
Radius (ft)		32.8			46.5			61.5	

Load Radius (ft)	85.0 ft			100.0 ft			115.0 ft		
	27°	360°	Over Front	27°	360°	Over Front	27°	360°	Over Front
15	76.5	51,200	51,200						
20	73.5	51,200	51,200	76.0	47,900	47,900			
25	70.0	51,200	51,200	73.5	47,900	47,900	76.0	48,100	48,100
30	66.5	51,200	51,200	70.5	43,600	43,600	73.5	44,400	44,400
35	62.5	46,700	46,700	67.5	39,300	39,300	71.0	40,100	40,100
40	58.5	42,300	42,300	64.0	35,600	35,600	68.5	36,500	36,500
45	54.5	38,800	38,800	61.0	32,500	32,500	65.5	33,300	33,300
50	50.0	33,300	33,700	57.5	29,800	29,800	63.0	30,600	30,600
55	45.0	28,300	28,700	54.0	27,500	27,500	60.0	28,200	28,200
60	39.5	24,300	24,700	50.0	24,700	25,100	56.5	24,400	24,700
65	33.5	21,100	21,400	46.0	21,500	21,900	53.5	21,200	21,500
70	25.5	18,400	18,700	41.5	18,900	19,200	50.0	18,600	18,900
75	14.0	16,200	16,500	36.5	16,800	17,000	46.5	16,500	16,800
80				30.5	14,800	15,100	42.5	14,700	14,900
85				23.5	13,200	13,400	38.5	13,000	13,200
90				13.0	11,800	12,000	34.0	11,600	11,800
95							28.5	10,300	10,500
100							22.0	9,200	9,400
105							12.0	8,200	8,400
Min.Bm. Ang./Cap.	0.0	11,800	11,800	0.0	9,400	9,400	0.0	7,800	7,800
Radius (ft)		76.5			91.5			106.5	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



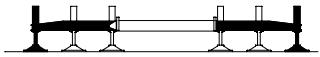
17,000 lb



Full

Load Radius (ft)	130.0 ft			145.0 ft		
	24°	360°	Over Front	24°	360°	Over Front
25	77.5	37,100	37,100			
30	75.5	37,100	37,100	77.5	32,800	32,800
35	73.5	36,000	36,000	75.5	32,800	32,800
40	71.5	32,700	32,700	74.0	32,800	32,800
45	69.0	29,800	29,800	72.0	31,500	31,500
50	66.5	27,300	27,300	70.0	28,900	28,900
55	64.0	25,200	25,200	68.0	26,700	26,700
60	61.5	23,300	23,300	65.5	23,400	23,700
65	59.0	20,900	21,200	63.0	20,200	20,500
70	56.0	18,300	18,600	60.5	17,600	17,900
75	53.0	16,300	16,500	58.0	15,600	15,900
80	50.0	14,400	14,700	55.5	13,800	14,000
85	47.0	12,800	13,000	53.0	12,200	12,400
90	43.5	11,400	11,600	50.0	10,800	11,000
95	40.0	10,200	10,400	47.5	9,600	9,800
100	36.0	9,000	9,200	44.5	8,500	8,700
105	32.0	8,100	8,200	41.5	7,500	7,700
110	27.0	7,200	7,300	38.0	6,600	6,800
115	20.5	6,400	6,500	34.5	5,800	6,000
120	11.0	5,700	5,800	30.5	5,100	5,300
125				25.5	4,500	4,600
130				20.0	3,900	4,000
135				10.5	3,300	3,500
Min.Bm. Ang./Cap.	0.0	5,500	5,700	0.0	3,200	3,300
Radius (ft)		121.5			136.5	

Load Radius (ft)	155.0 ft			162.0 ft		
	24°	360°	Over Front	24°	360°	Over Front
35	77.0	28,900	28,900	77.0	26,100	26,100
40	75.5	28,900	28,900	76.0	26,100	26,100
45	73.5	28,900	28,900	74.5	26,100	26,100
50	72.0	27,200	27,200	72.5	26,100	26,100
55	70.0	25,100	25,100	71.0	24,100	24,100
60	68.0	23,000	23,200	69.0	22,200	22,200
65	65.5	19,800	20,100	67.0	19,600	19,900
70	63.0	17,200	17,500	64.5	17,100	17,200
75	61.0	15,300	15,500	62.5	15,000	15,300
80	58.5	13,400	13,600	60.5	13,200	13,400
85	56.5	11,800	12,000	58.0	11,600	11,800
90	54.0	10,400	10,600	56.0	10,200	10,400
95	51.5	9,200	9,400	53.5	9,000	9,200
100	48.5	8,100	8,300	51.0	7,900	8,100
105	46.0	7,200	7,300	48.5	6,900	7,100
110	43.0	6,300	6,500	46.0	6,100	6,200
115	40.0	5,500	5,700	43.0	5,300	5,500
120	37.0	4,800	4,900	40.5	4,600	4,700
125	33.5	4,100	4,300	37.0	3,900	4,100
130	29.5	3,500	3,700	34.0	3,300	3,500
135	25.0	3,000	3,100	30.5	2,800	2,900
140	19.5	2,500	2,600	26.0	2,300	2,400
145	10.5	2,100	2,200	21.0	1,800	2,000
150				14.5	1,400	1,500
Min.Bm. Ang./Cap.	0.0	2,000	2,100	0.0	1,200	1,300
Radius (ft)		146.5			153.5	

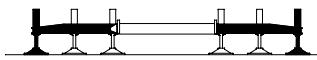
**Rated Lifting Capacities
In Pounds**

17,000 lb


Load Radius (ft)	41.4 ft			55.0 ft			70.0 ft		
	$\frac{1}{4}^{\circ}$	360°	Over Front	$\frac{1}{4}^{\circ}$	360°	Over Front	$\frac{1}{4}^{\circ}$	360°	Over Front
10	69.0	240,600	240,600	74.5	77,300	77,300	78.0	67,800	67,800
12	66.0	218,000	218,000	72.5	77,300	77,300	76.5	67,800	67,800
15	61.0	178,500	178,500	69.0	77,300	77,300	74.0	67,800	67,800
20	52.0	132,300	132,300	63.0	77,300	77,300	69.5	67,800	67,800
25	41.5	103,700	103,700	57.0	77,300	77,300	65.0	66,900	66,900
30	27.0	73,100	74,100	50.0	77,300	77,300	60.5	59,800	59,800
35				42.0	58,400	59,100	55.5	54,000	54,000
40				32.5	45,400	46,000	50.0	47,900	48,500
45				18.0	36,400	36,900	44.0	39,000	39,500
50							37.0	32,400	32,900
55							28.5	27,300	27,700
60							15.5	23,300	23,700
Min.Bm. Ang./Cap.	0.0	60,300	61,100	0.0	26,500	26,500	0.0	15,300	15,300
Radius (ft)		32.8			46.5			61.5	

Load Radius (ft)	85.0 ft			100.0 ft			115.0 ft		
	$\frac{1}{4}^{\circ}$	360°	Over Front	$\frac{1}{4}^{\circ}$	360°	Over Front	$\frac{1}{4}^{\circ}$	360°	Over Front
15	77.0	68,100	68,100						
20	74.0	66,100	66,100	76.5	60,000	60,000			
25	70.0	58,200	58,200	73.5	53,400	53,400	76.5	49,300	49,300
30	66.5	51,700	51,700	70.5	47,700	47,700	73.5	44,100	44,100
35	62.5	46,400	46,400	67.5	43,100	43,100	71.0	39,800	39,800
40	58.5	42,100	42,100	64.5	39,300	39,300	68.5	36,100	36,100
45	54.5	38,600	38,600	61.0	36,000	36,000	65.5	33,000	33,000
50	50.0	33,200	33,600	57.5	33,100	33,100	63.0	30,300	30,300
55	45.0	28,200	28,500	54.0	28,300	28,700	60.0	27,900	27,900
60	39.5	24,200	24,500	50.0	24,300	24,700	57.0	24,000	24,400
65	33.5	20,900	21,200	46.0	21,200	21,500	53.5	20,900	21,200
70	25.5	18,300	18,500	41.5	18,500	18,800	50.0	18,300	18,500
75	14.0	16,100	16,400	36.5	16,400	16,600	46.5	16,200	16,500
80				30.5	14,500	14,700	42.5	14,300	14,600
85				23.5	12,800	13,000	38.5	12,700	12,900
90				13.0	11,400	11,600	34.0	11,300	11,500
95							28.5	10,000	10,200
100							22.0	8,900	9,100
105							12.0	7,900	8,100
Min.Bm. Ang./Cap.	0.0	12,900	12,900	0.0	10,600	10,600	0.0	7,700	7,900
Radius (ft)		76.5			91.5			106.5	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



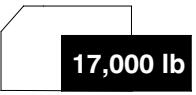
17,000 lb



Full

Load Radius (ft)	130.0 ft			140.0 ft			150.0 ft		
	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front
25	78.0	45,100	45,100						
30	76.0	43,200	43,200	77.5	37,200	37,200	78.0	31,900	31,900
35	74.0	39,100	39,100	75.5	37,200	37,200	76.5	31,900	31,900
40	71.5	35,700	35,700	73.5	34,900	34,900	75.0	31,900	31,900
45	69.5	32,700	32,700	71.5	32,000	32,000	73.0	30,000	30,000
50	67.0	30,100	30,100	69.5	29,400	29,400	71.0	27,500	27,500
55	64.5	27,400	27,800	67.0	26,900	27,100	69.0	25,300	25,300
60	61.5	23,500	23,800	64.5	23,000	23,400	67.0	22,600	23,000
65	59.0	20,300	20,600	62.0	19,900	20,200	64.5	19,500	19,800
70	56.0	17,700	18,000	59.5	17,300	17,600	62.0	17,100	17,200
75	53.0	15,700	16,000	57.0	15,300	15,500	60.0	14,900	15,200
80	50.0	13,800	14,100	54.0	13,400	13,700	57.5	13,100	13,300
85	47.0	12,200	12,500	51.5	11,800	12,100	55.0	11,500	11,700
90	43.5	10,800	11,100	48.5	10,400	10,700	52.5	10,100	10,300
95	40.0	9,600	9,800	45.5	9,200	9,400	49.5	8,900	9,100
100	36.0	8,500	8,700	42.0	8,100	8,300	47.0	7,800	8,000
105	32.0	7,500	7,700	39.0	7,200	7,300	44.0	6,800	7,000
110	27.0	6,600	6,800	35.0	6,300	6,400	41.0	6,000	6,100
115	21.0	5,800	6,000	31.0	5,500	5,600	37.5	5,200	5,300
120	11.5	5,100	5,300	26.0	4,800	4,900	34.0	4,500	4,600
125				20.5	4,100	4,300	30.0	3,800	4,000
130				11.0	3,500	3,700	25.5	3,200	3,400
135							19.5	2,700	2,800
140							11.0	2,200	2,300
Min.Bm. Ang./Cap.	0.0	5,000	5,100	0.0	3,400	3,500	0.0	2,100	2,200
Radius (ft)	121.5			131.5			141.5		

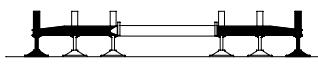
Not for crane operations

Rated Lifting Capacities In Pounds						 17,000 lb			
Load Radius (ft)	41.4 ft			55.0 ft			70.0 ft		
	27°	360°	Over Front	27°	360°	Over Front	27°	360°	Over Front
10	69.0	240,600	240,600	74.5	73,800	73,800	78.0	68,700	68,700
12	66.0	218,000	218,000	72.5	73,800	73,800	76.5	68,700	68,700
15	61.0	178,500	178,500	69.0	73,800	73,800	74.0	68,700	68,700
20	52.0	132,300	132,300	63.0	73,800	73,800	70.0	68,700	68,700
25	41.5	103,700	103,700	57.0	73,800	73,800	65.5	68,700	68,700
30	27.0	73,100	74,100	50.0	73,800	73,800	60.5	68,700	68,700
35				42.0	58,300	59,100	55.0	59,700	60,500
40				32.5	45,300	45,900	49.5	46,900	47,500
45				18.0	36,300	36,800	43.5	38,000	38,500
50							37.0	31,500	31,900
55							28.5	26,400	26,800
60							15.5	22,500	22,800
Min.Bm. Ang./Cap.	0.0	60,300	61,100	0.0	26,900	26,900	0.0	21,500	21,800
Radius (ft)	32.8			46.5			61.5		

Load Radius (ft)	85.0 ft			100.0 ft			112.0 ft		
	27°	360°	Over Front	27°	360°	Over Front	27°	360°	Over Front
15	77.0	64,900	64,900						
20	74.0	64,900	64,900	76.5	65,200	65,200	78.5	56,400	56,400
25	70.5	64,900	64,900	74.0	65,200	65,200	76.0	55,500	55,500
30	66.5	64,900	64,900	71.0	63,900	63,900	73.5	48,900	48,900
35	62.5	59,500	60,200	68.0	57,100	57,100	70.5	43,400	43,400
40	58.5	46,700	47,300	64.5	45,700	46,300	68.0	39,000	39,000
45	54.0	37,800	38,300	61.0	36,900	37,400	65.0	35,200	35,200
50	49.5	31,500	31,900	57.5	30,600	31,000	62.0	30,100	30,500
55	44.5	26,500	26,900	53.5	25,700	26,100	59.0	25,200	25,600
60	39.5	22,600	22,900	50.0	21,800	22,200	55.5	21,300	21,700
65	33.0	19,400	19,700	45.5	18,700	19,000	52.0	18,200	18,500
70	25.5	16,800	17,100	41.0	16,300	16,500	48.5	15,800	16,100
75	13.5	14,600	14,800	36.5	14,000	14,300	45.0	13,700	13,900
80				30.5	12,200	12,400	40.5	11,800	12,100
85				23.5	10,500	10,800	36.5	10,200	10,400
90				12.5	9,100	9,300	31.5	8,800	9,000
95							25.5	7,600	7,800
100							17.0	6,500	6,700
Min.Bm. Ang./Cap.	0.0	14,000	14,300	0.0	8,800	9,000	0.0	5,800	6,000
Radius (ft)	76.5			91.5			103.5		

Not for crane operations

**Rated Lifting Capacities
In Pounds**



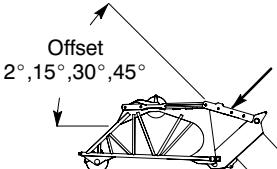
17,000 lb



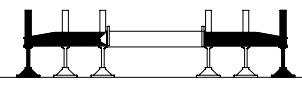
Load Radius (ft)	41.4 ft			55.5 ft		
	24°	360°	Over Front	24°	360°	Over Front
10	69.0	240,600	240,600	74.5	157,000	157,000
12	66.0	218,000	218,000	72.5	157,000	157,000
15	61.0	178,500	178,500	69.5	157,000	157,000
20	52.0	132,300	132,300	63.5	134,900	134,900
25	41.5	103,700	103,700	57.0	106,300	106,300
30	27.0	73,100	74,100	50.5	77,200	78,100
35				42.5	57,100	57,800
40				33.5	44,200	44,800
45				19.5	35,200	35,700
Min.Bm. Ang./Cap.	0.0	60,300	61,100	0.0	32,500	32,900
Radius (ft)	32.8			47.0		

Load Radius (ft)	70.4 ft			86.2 ft		
	24°	360°	Over Front	24°	360°	Over Front
10	78.5	151,100	151,100			
12	77.0	150,200	150,200			
15	74.5	135,800	135,800	78.0	105,500	105,500
20	70.0	116,900	116,900	74.5	89,800	89,800
25	65.5	102,400	102,400	71.0	77,900	77,900
30	60.5	77,700	78,700	67.0	68,500	68,500
35	55.5	57,600	58,300	63.5	56,700	57,400
40	50.0	44,900	45,500	59.0	44,100	44,700
45	44.0	36,100	36,600	55.0	35,400	35,900
50	37.0	29,700	30,200	50.5	29,100	29,500
55	29.0	24,700	25,100	45.5	24,300	24,600
60	17.0	20,800	21,100	40.5	20,400	20,800
65				34.5	17,400	17,600
70				27.5	14,700	15,000
75				17.5	12,500	12,800
Min.Bm. Ang./Cap.	0.0	19,600	19,900	0.0	11,500	11,800
Radius (ft)	61.9			77.7		

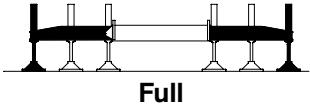
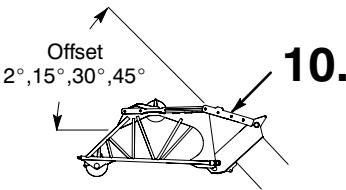
Not for crane operations

Rated Lifting Capacities In Pounds										
			Full		17,000 lb		EM 1		360°	
Boom Length (ft)	41.4	55.0	70.0	85.0	100.0	115.0	130.0	145.0	155.0	162.0
Load Radius (ft)	 <p>10.0 ft Offset Fly</p>									
10	51,800	51,800								
12	47,300	51,800	48,600							
15	46,400	46,800	48,600	48,600						
20	45,200	45,700	45,200	44,000	45,100					
25	44,600	44,800	44,500	43,400	41,200	38,300	28,900			
30	44,600	44,400	43,900	43,000	39,200	38,300	28,900	25,600	22,400	
35	44,600	44,300	41,300	41,300	35,200	36,400	28,900	25,600	22,400	
40	44,600	44,300	37,400	37,400	32,200	33,200	28,900	25,600	22,400	20,000
45		38,300	34,400	34,400	29,300	30,300	27,300	25,600	22,400	20,000
50		31,900	31,600	31,600	26,800	27,800	24,900	25,600	22,400	20,000
55		26,900	28,300	28,500	24,700	25,600	22,900	24,200	22,400	20,000
60			24,300	24,500	22,900	23,700	21,100	22,500	21,200	20,000
65			21,100	21,300	21,200	21,000	19,500	19,900	19,400	18,700
70			18,500	18,600	18,800	18,300	18,000	17,200	17,000	16,800
75				16,500	16,700	16,300	15,900	15,200	14,800	14,600
80					14,600	14,800	14,400	14,100	13,400	13,000
85						13,000	13,200	12,700	12,400	11,800
90							11,700	11,300	11,000	10,300
95							10,500	10,100	9,800	9,100
100								9,400	9,000	8,700
105									8,000	8,000
110									7,700	7,100
115										6,800
120										6,200
125										5,800
130										5,400
135										5,000
140										4,700
145										4,300
Min.Bm. Ang./Cap.	0	34,200	0	18,300	0	10,600	0	9,000	0	7,300
Radius (ft)	42.8	56.5	71.5	86.5	101.5	116.5	131.5	146.5	150.0	147.6

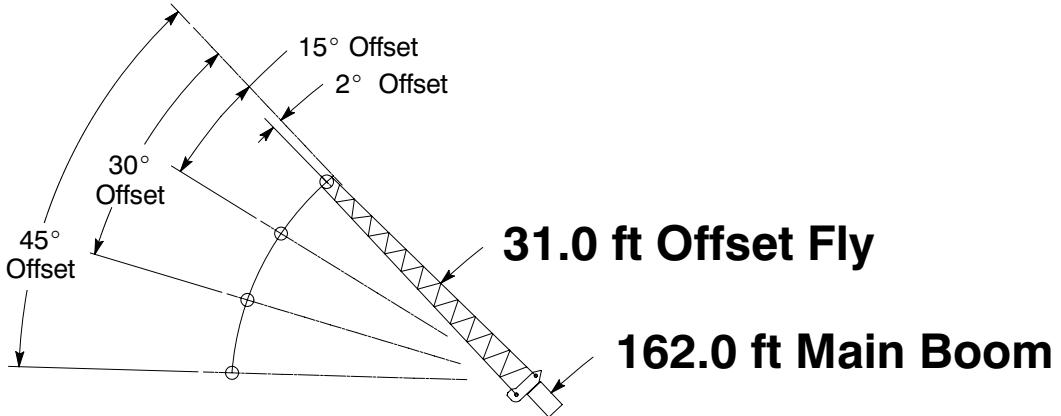
Not for crane operations

Rated Lifting Capacities In Pounds				Full				17,000 lb			
Boom Length (ft)	41.4	55.0	70.0	85.0	100.0	115.0	130.0	140.0	150.0		
Load Radius (ft)											
10	51,800	51,800									
12	47,300	51,800	51,800								
15	46,400	46,800	51,500	51,800							
20	45,200	45,700	45,400	44,400	48,000						
25	44,600	44,800	44,700	43,700	42,400	41,600	36,300				
30	44,600	44,400	44,100	43,200	41,800	40,000	36,300	29,900	25,400		
35	44,600	44,300	43,600	40,800	37,800	36,100	34,100	29,900	25,400		
40	44,600	44,300	39,700	37,000	34,500	33,000	32,200	29,900	25,400		
45		38,300	36,400	34,100	31,700	30,100	29,500	29,500	25,400		
50		31,900	33,100	31,300	29,200	27,600	27,100	27,100	25,400		
55		26,900	28,100	28,300	27,000	25,400	25,100	24,900	23,300		
60			24,100	24,400	24,300	23,500	23,200	22,700	21,500		
65			21,000	21,200	21,100	20,700	20,000	19,500	19,100		
70			18,300	18,500	18,400	18,000	17,400	17,100	16,700		
75				16,400	16,300	16,000	15,400	14,900	14,500		
80				14,500	14,400	14,100	13,500	13,100	12,700		
85				12,900	12,800	12,500	11,900	11,500	11,100		
90					11,400	11,100	10,500	10,100	9,700		
95						10,200	9,800	9,300	8,800	8,500	
100						9,100	8,700	8,200	7,700	7,400	
105							7,800	7,200	6,800	6,400	
110							6,900	6,300	5,900	5,500	
115							6,100	5,600	5,100	4,800	
120								4,900	4,400	4,100	
125								4,200	3,800	3,400	
130								3,600	3,200	2,800	
135									2,700	2,300	
140									2,200	1,800	
145										1,300	
Min.Bm. Ang./Cap.	0	34,200	0	18,300	0	11,500	0	9,800	0	8,100	0
Radius (ft)	42.8	56.5	71.5	86.5	101.5	116.5	131.5	141.5	146.9	15.5	0

Not for crane operations

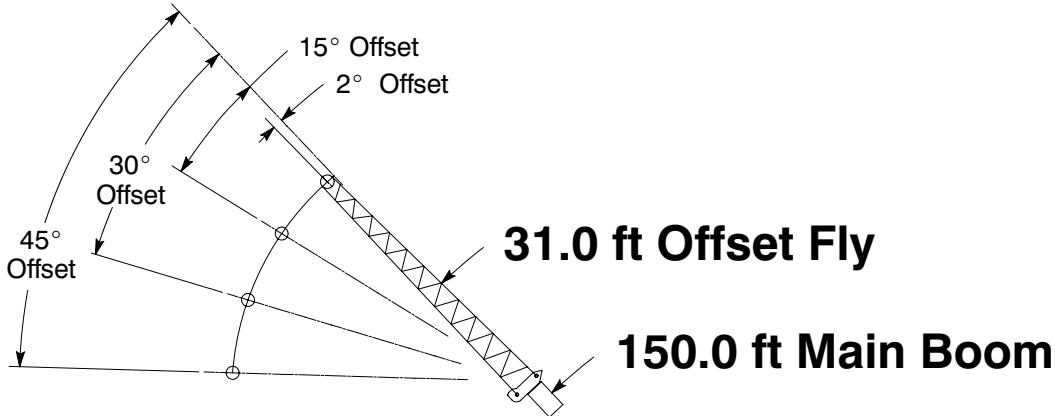
Rated Lifting Capacities In Pounds							
Boom Length (ft)	41.4	55.0	70.0	85.0	100.0	115.0	124.7
Load Radius (ft)	 <p>10.0 ft Offset Fly</p>						
10	51,800	51,800					
12	47,300	51,800	51,800				
15	46,400	46,800	51,800	51,800			
20	45,200	45,700	46,000	45,800	51,800		
25	44,600	44,900	45,100	45,000	44,300	50,700	43,400
30	44,600	44,400	44,500	44,400	43,800	42,800	41,600
35	44,600	44,300	44,100	44,000	41,300	40,100	37,300
40	44,600	44,300	44,000	43,700	37,500	36,400	34,000
45		38,300	38,800	38,400	34,500	33,400	31,000
50		31,800	32,300	32,000	31,500	30,600	28,300
55		26,900	27,300	27,000	26,500	25,700	25,200
60			23,400	23,000	22,600	21,800	21,300
65			20,200	19,800	19,400	18,600	18,200
70			17,600	17,300	16,900	16,200	15,800
75				15,100	14,700	14,000	13,600
80				13,300	12,900	12,200	11,800
85				11,700	11,300	10,600	10,200
90					9,900	9,200	8,800
95					8,700	8,000	7,600
100					7,600	6,900	6,500
105						5,900	5,600
110						5,100	4,700
115						4,300	4,000
120							3,200
125							2,700
Min.Bm. Ang./Cap.	0	34,200	0	18,500	0	15,800	0
Radius (ft)	42.8	56.5	71.5	86.5	101.5	116.5	126.2

Not for crane operations



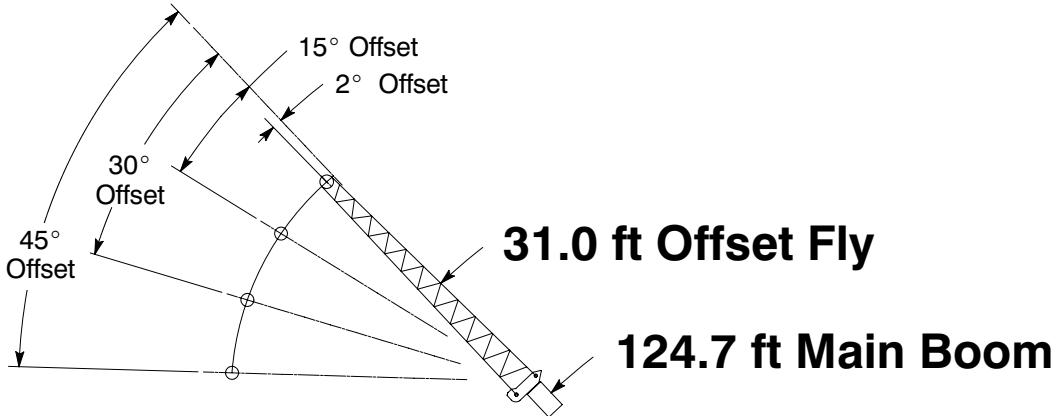
Rated Lifting Capacities In Pounds			Full		17,000 lb		EM 1	
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
35	79.0	14,600						
40	78.0	14,600						
45	77.0	14,600	79.0	14,600				
50	75.5	14,600	78.0	14,600				
55	74.5	14,600	76.5	14,600	78.5	14,300		
60	73.0	14,600	75.5	14,600	77.5	14,100	79.0	13,200
65	72.0	14,600	74.0	14,600	76.0	14,000	77.5	13,100
70	70.5	14,600	73.0	14,600	74.5	13,800	76.5	13,100
75	69.5	14,600	71.5	14,600	73.5	13,700	75.0	13,000
80	67.5	13,100	70.0	13,900	72.0	13,600	73.5	12,900
85	65.5	11,500	68.0	12,200	70.5	13,000	72.0	12,800
90	63.5	10,100	66.0	10,800	68.5	11,500	70.0	12,000
95	61.5	8,800	64.0	9,500	66.5	10,100	68.0	10,600
100	60.0	7,700	62.0	8,300	64.5	8,900	66.0	9,300
105	58.0	6,800	60.0	7,300	62.5	7,800	64.0	8,200
110	56.0	5,900	58.0	6,400	60.5	6,900	61.5	7,200
115	54.0	5,100	56.0	5,600	58.0	6,000	59.5	6,300
120	52.0	4,400	54.0	4,800	56.0	5,200	57.5	5,500
125	50.0	3,700	52.0	4,100	54.0	4,500	55.0	4,700
130	47.5	3,200	49.5	3,500	51.5	3,900	52.5	4,000
135	45.5	2,600	47.5	3,000	49.5	3,200	50.0	3,400
140	43.0	2,100	45.0	2,400	47.0	2,700	47.5	2,800
145	40.5	1,700	42.5	1,900	44.5	2,200	45.0	2,300
150	38.0	1,200	40.0	1,500	41.5	1,700		
155					39.0	1,200		
Min.Bm. Ang./Cap.	37.0		37.5		38.0		37.5	
Radius (ft)	151.7		155.0		156.3		157.0	
Maximum Boom Length At 0° Boom Angle (ft)	133							

Not for crane operations



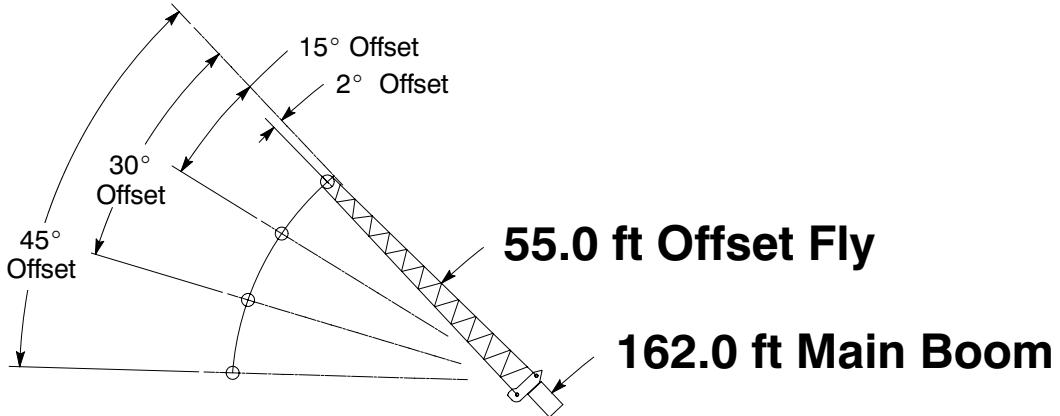
Rated Lifting Capacities In Pounds								
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
35	79.0	17,600						
40	77.5	17,600						
45	76.0	17,600	78.5	17,300				
50	75.0	17,600	77.0	17,000	79.0	15,300		
55	73.5	17,600	75.5	16,700	77.5	15,000	79.5	13,900
60	72.0	17,600	74.0	16,400	76.5	14,800	78.0	13,700
65	71.0	17,600	72.5	16,200	74.5	14,600	76.5	13,600
70	69.0	17,000	71.0	15,900	73.0	14,400	75.0	13,500
75	67.0	15,100	69.5	15,700	71.5	14,300	73.5	13,400
80	65.0	13,200	67.5	14,000	70.0	14,100	71.5	13,300
85	63.0	11,500	65.5	12,300	68.0	13,000	70.0	13,200
90	61.0	10,100	63.5	10,800	66.0	11,500	68.0	12,000
95	59.0	8,900	61.5	9,500	64.0	10,100	65.5	10,600
100	57.0	7,800	59.5	8,400	61.5	8,900	63.5	9,300
105	55.0	6,800	57.5	7,400	59.5	7,900	61.0	8,200
110	53.0	6,000	55.0	6,400	57.5	6,900	58.5	7,200
115	50.5	5,200	53.0	5,600	55.0	6,000	56.5	6,300
120	48.5	4,500	50.5	4,900	52.5	5,200	54.0	5,500
125	46.0	3,800	48.0	4,200	50.0	4,500	51.0	4,700
130	43.5	3,200	45.5	3,600	47.5	3,900	48.5	4,000
135	41.0	2,700	43.0	3,000	45.0	3,300	45.5	3,400
140	38.0	2,200	40.5	2,500	42.0	2,700		
145	35.5	1,700	37.5	2,000	39.0	2,200		
150	32.0	1,300	34.5	1,500	35.5	1,700		
155					32.0	1,200		
Min.Bm. Ang./Cap.	30.5		31.0		31.0		30.5	
Radius (ft)	152.5		155.0		156.3		156.0	
Maximum Boom Length At 0° Boom Angle (ft)	130							

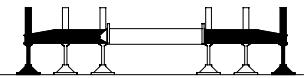
Not for crane operations

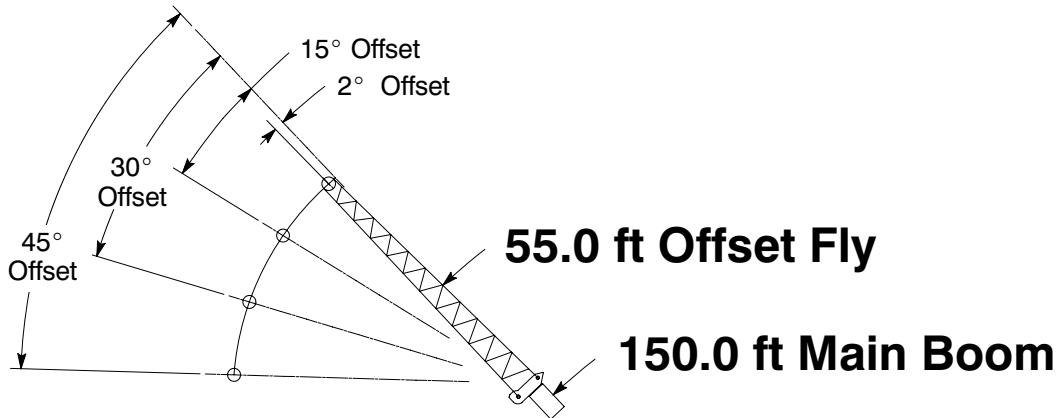


Rated Lifting Capacities In Pounds			Full		17,000 lb		EM3	
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
30	78.5	28,100						
35	77.0	27,000	79.0	20,400				
40	75.5	26,000	77.5	20,400				
45	73.5	24,900	75.5	19,300	78.0	16,600		
50	72.0	24,000	74.0	18,700	76.0	16,300	78.5	14,700
55	70.0	23,100	72.0	18,200	74.5	15,900	76.5	14,500
60	68.0	20,400	70.0	17,700	72.5	15,600	74.5	14,300
65	66.0	19,100	68.0	17,300	70.5	15,300	72.5	14,100
70	63.5	16,700	66.0	16,900	68.5	15,000	70.5	14,000
75	61.5	14,500	64.0	15,400	66.5	14,800	68.5	13,800
80	59.0	12,700	61.5	13,500	64.5	14,300	66.0	13,700
85	56.5	11,100	59.5	11,800	62.0	12,500	64.0	13,000
90	54.0	9,700	57.0	10,300	59.5	11,000	61.0	11,400
95	51.5	8,400	54.5	9,000	56.5	9,600	58.5	10,000
100	49.0	7,300	51.5	7,900	54.0	8,400	55.5	8,700
105	46.5	6,400	49.0	6,900	51.0	7,300	52.5	7,600
110	43.5	5,500	46.0	5,900	48.5	6,300	49.5	6,500
115	40.5	4,700	43.0	5,100	45.0	5,400	46.0	5,600
120	37.5	4,000	40.0	4,400	42.0	4,600		
125	34.0	3,400	36.5	3,700	38.0	3,900		
130	30.0	2,800	32.5	3,100	34.0	3,200		
135	26.0	2,300	28.0	2,500				
140	20.5	1,800	23.0	1,900				
145	13.0	1,400	15.0	1,400				
Min.Bm. Ang./Cap.	0.0	1,200	0.0	1,200	0.0	1,300	0.0	1,400
Radius (ft)	147.2		146.9		144.9		141.4	

Not for crane operations

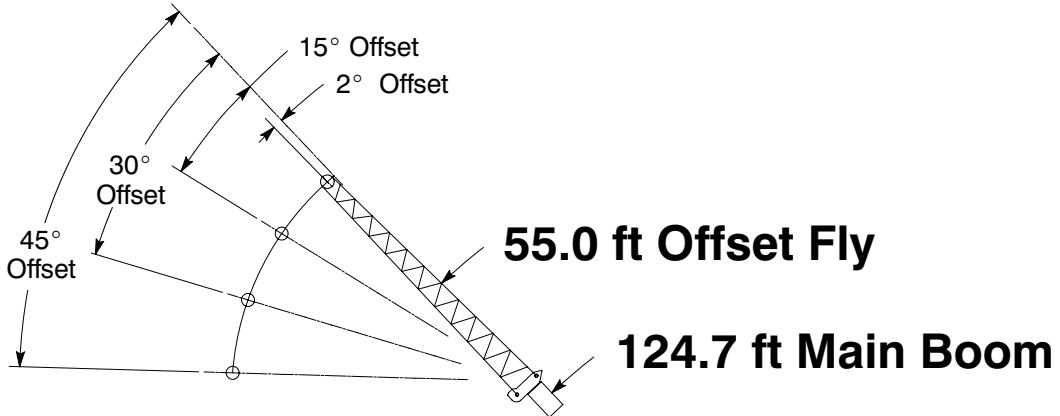


Rated Lifting Capacities In Pounds								
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
40	79.5	10,600						
45	78.5	10,600						
50	77.5	10,600						
55	76.5	10,600						
60	75.5	10,600	78.5	9,700				
65	74.5	10,600	77.5	9,500				
70	73.5	10,500	76.5	9,400	79.5	8,300		
75	72.0	10,300	75.0	9,200	78.5	8,200		
80	71.0	10,200	74.0	9,000	77.0	8,100		
85	69.5	10,000	72.5	8,900	76.0	8,000	78.5	7,300
90	68.5	9,800	71.5	8,700	74.5	7,800	77.0	7,300
95	67.0	9,600	70.0	8,600	73.5	7,700	76.0	7,200
100	65.5	8,500	69.0	8,500	72.0	7,600	74.5	7,100
105	64.0	7,500	67.5	8,300	70.5	7,600	73.0	7,100
110	62.0	6,600	66.0	7,500	69.0	7,500	71.5	7,100
115	60.5	5,800	64.0	6,600	67.5	7,400	70.0	7,000
120	58.5	5,100	62.5	5,900	66.0	6,600	68.5	7,000
125	57.0	4,400	60.5	5,100	64.0	5,900	66.5	6,400
130	55.0	3,800	58.5	4,500	62.0	5,100	64.5	5,600
135	53.5	3,300	57.0	3,900	60.0	4,500	62.5	4,900
140	51.5	2,700	55.0	3,300	58.0	3,900	60.5	4,300
145	49.5	2,300	53.0	2,800	56.0	3,300	58.0	3,700
150	47.5	1,800	51.0	2,400	54.0	2,800	56.0	3,100
155	46.0	1,400	49.0	1,900	52.0	2,300	53.5	2,600
160			47.0	1,500	50.0	1,900	51.5	2,100
165					47.5	1,500	49.0	1,600
170							46.5	1,200
Min.Bm. Ang./Cap.	44.0		45.0		45.5		46.0	
Radius (ft)	160.0		165.0		170.0		171.0	
Maximum Boom Length At 0° Boom Angle (ft)	125 Not for crane operations							



Rated Lifting Capacities In Pounds			Full		17,000 lb		EM 2	
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
40	79.5	12,700						
45	78.0	12,500						
50	77.0	12,200						
55	76.0	12,000	79.0	10,500				
60	74.5	11,700	78.0	10,300				
65	73.5	11,500	76.5	10,000				
70	72.0	11,200	75.5	9,800	79.0	8,600		
75	71.0	11,000	74.0	9,600	77.5	8,400		
80	69.5	10,700	72.5	9,400	76.0	8,300	79.0	7,600
85	68.0	10,500	71.5	9,200	74.5	8,200	77.5	7,500
90	66.5	10,200	70.0	9,000	73.0	8,000	76.0	7,400
95	65.0	9,700	68.5	8,900	71.5	7,900	74.5	7,400
100	63.5	8,600	67.0	8,700	70.0	7,800	73.0	7,300
105	61.5	7,600	65.5	8,500	68.5	7,700	71.5	7,200
110	60.0	6,700	63.5	7,600	67.0	7,600	69.5	7,200
115	58.0	5,900	61.5	6,700	65.5	7,500	68.0	7,200
120	56.0	5,200	60.0	6,000	63.5	6,700	66.0	7,100
125	54.0	4,600	58.0	5,200	61.5	5,900	64.0	6,400
130	52.0	4,000	56.0	4,600	59.5	5,200	62.0	5,600
135	50.0	3,400	54.0	4,000	57.0	4,600	59.5	4,900
140	48.0	2,900	52.0	3,400	55.0	4,000	57.0	4,300
145	46.0	2,400	49.5	2,900	53.0	3,400	54.5	3,700
150	44.0	2,000	47.5	2,500	50.5	2,900	52.0	3,100
155	42.0	1,600	45.0	2,000	48.0	2,400	49.5	2,600
160	39.5	1,200	43.0	1,600	45.5	1,900	46.5	2,000
165			40.5	1,200	43.0	1,500		
Min.Bm. Ang./Cap.	38.5		39.5		40.0		40.5	
Radius (ft)	161.7		166.7		170.0		170.0	
Maximum Boom Length At 0° Boom Angle (ft)	122							

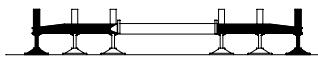
Not for crane operations



Rated Lifting Capacities In Pounds									
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset		
	°	360°	°	360°	°	360°	°	360°	
35	78.5	15,300							
40	77.5	14,800							
45	76.0	14,300	79.5	12,000					
50	74.5	13,800	78.0	11,600					
55	73.0	13,300	76.5	11,200					
60	71.5	12,800	75.0	10,900	79.0	9,300			
65	69.5	12,400	73.5	10,500	77.5	9,100			
70	68.0	12,000	72.0	10,200	76.0	8,900	79.0	8,000	
75	66.5	11,600	70.0	9,900	74.0	8,700	77.5	7,800	
80	65.0	11,200	68.5	9,700	72.5	8,500	75.5	7,700	
85	63.0	10,800	67.0	9,400	70.5	8,300	74.0	7,600	
90	61.5	10,500	65.0	9,200	69.0	8,200	72.0	7,600	
95	59.5	9,500	63.0	9,000	67.0	8,000	70.0	7,500	
100	57.5	8,400	61.5	8,800	65.0	7,900	68.0	7,400	
105	55.0	7,400	59.5	8,300	63.0	7,800	66.0	7,400	
110	53.0	6,600	57.0	7,400	61.0	7,700	63.5	7,300	
115	51.0	5,800	55.0	6,500	59.0	7,200	61.5	7,300	
120	48.5	5,000	52.5	5,700	56.5	6,400	59.0	6,800	
125	46.0	4,400	50.0	5,000	54.0	5,600	56.0	6,000	
130	43.5	3,800	47.5	4,300	51.0	4,900	53.0	5,200	
135	41.0	3,200	45.0	3,700	48.5	4,200	50.0	4,400	
140	38.5	2,700	42.5	3,200	45.5	3,600	46.5	3,700	
145	35.5	2,300	39.5	2,700	42.0	3,000			
150	32.5	1,800	36.0	2,200	38.5	2,400			
155	29.0	1,400	32.5	1,700	35.0	1,900			
160			28.5	1,300	30.0	1,400			
Min.Bm. Ang./Cap.	25.5		26.0		21.5		16.5		
Radius (ft)	160.0		162.5		161.6		155.9		
Maximum Boom Length At 0° Boom Angle (ft)					110				

Not for crane operations

**Rated Lifting Capacities
In Pounds**



Full

26,000 lb

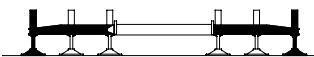


Load Radius (ft)	41.4 ft			55.0 ft			70.0 ft		
	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front
9	70.5	260,000	260,000						
10	69.0	240,600	240,600	74.5	77,300	77,300	77.5	51,000	51,000
12	66.0	218,000	218,000	72.5	77,300	77,300	76.5	51,000	51,000
15	61.0	184,400	184,400	69.0	77,300	77,300	74.0	51,000	51,000
20	52.0	136,800	136,800	63.0	77,300	77,300	69.5	51,000	51,000
25	41.5	107,300	107,300	57.0	77,300	77,300	65.0	51,000	51,000
30	27.0	84,400	85,300	50.0	77,300	77,300	60.0	51,000	51,000
35				42.0	67,100	67,800	55.0	49,600	49,600
40				32.5	52,400	53,000	50.0	45,100	45,100
45				18.0	42,300	42,800	44.0	41,400	41,400
50							37.0	38,100	
55							28.5	32,100	32,400
60							15.5	27,600	27,900
Min.Bm. Ang./Cap.	0.0	63,500	63,500	0.0	26,500	26,500	0.0	13,900	13,900
Radius (ft)		32.8			46.5			61.5	

Load Radius (ft)	85.0 ft			100.0 ft			115.0 ft		
	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front
15	76.5	51,200	51,200						
20	73.5	51,200	51,200	76.0	47,900	47,900			
25	70.0	51,200	51,200	73.5	47,900	47,900	76.0	48,100	48,100
30	66.5	51,200	51,200	70.5	43,600	43,600	73.5	44,400	44,400
35	62.5	46,700	46,700	67.5	39,300	39,300	71.0	40,100	40,100
40	58.5	42,300	42,300	64.0	35,600	35,600	68.5	36,500	36,500
45	54.5	38,800	38,800	61.0	32,500	32,500	65.5	33,300	33,300
50	50.0	35,700	35,700	57.5	29,800	29,800	63.0	30,600	30,600
55	45.0	32,900	33,000	54.0	27,500	27,500	60.0	28,200	28,200
60	39.5	28,400	28,800	50.0	25,500	25,500	57.0	26,200	26,200
65	33.5	24,800	25,100	46.0	23,700	23,700	53.5	24,300	24,300
70	26.0	21,800	22,000	41.5	22,100	22,100	50.5	21,900	22,200
75	14.0	19,300	19,500	36.5	19,700	20,000	46.5	19,500	19,700
80				31.0	17,600	17,800	43.0	17,400	17,600
85				24.0	15,800	16,100	38.5	15,700	15,900
90				13.0	14,200	14,500	34.0	14,100	14,300
95							29.0	12,600	12,800
100							22.5	11,400	11,600
105							12.0	10,300	10,500
Min.Bm. Ang./Cap.	0.0	11,800	11,800	0.0	9,400	9,400	0.0	7,800	7,800
Radius (ft)		76.5			91.5			106.5	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



26,000 lb

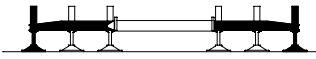


Full

Load Radius (ft)	130.0 ft			145.0 ft		
	45°	360°	Over Front	45°	360°	Over Front
25	77.5	37,100	37,100	77.5	32,800	32,800
30	75.5	37,100	37,100	75.5	32,800	32,800
35	73.5	36,000	36,000			
40	71.5	32,700	32,700	74.0	32,800	32,800
45	69.0	29,800	29,800	72.0	31,500	31,500
50	66.5	27,300	27,300	70.0	28,900	28,900
55	64.0	25,200	25,200	68.0	26,700	26,700
60	61.5	23,300	23,300	65.5	24,700	24,700
65	59.0	21,600	21,600	63.5	22,900	22,900
70	56.0	20,300	20,300	61.0	21,000	21,300
75	53.5	18,900	18,900	58.5	18,500	18,800
80	50.5	17,200	17,300	56.0	16,600	16,900
85	47.5	15,500	15,700	53.5	14,800	15,100
90	44.0	13,900	14,100	50.5	13,300	13,500
95	40.5	12,500	12,700	48.0	11,900	12,100
100	36.5	11,200	11,400	45.0	10,700	10,900
105	32.0	10,100	10,300	41.5	9,600	9,800
110	27.0	9,100	9,300	38.5	8,600	8,800
115	21.0	8,300	8,400	34.5	7,700	7,900
120	11.5	7,500	7,600	30.5	6,900	7,000
125				26.0	6,200	6,300
130				20.0	5,500	5,600
135				11.0	4,900	5,000
Min.Bm. Ang./Cap.	0.0	6,000	6,000	0.0	4,600	4,600
Radius (ft)		121.5			136.5	

Load Radius (ft)	155.0 ft			162.0 ft		
	45°	360°	Over Front	45°	360°	Over Front
35	77.0	28,900	28,900	77.0	26,100	26,100
40	75.5	28,900	28,900	76.0	26,100	26,100
45	73.5	28,900	28,900	74.5	26,100	26,100
50	72.0	27,200	27,200	72.5	26,100	26,100
55	70.0	25,100	25,100	71.0	24,100	24,100
60	68.0	23,200	23,200	69.0	22,200	22,200
65	66.0	21,500	21,500	67.0	20,700	20,700
70	63.5	20,100	20,100	65.0	19,200	19,200
75	61.5	18,100	18,400	63.0	17,900	17,900
80	59.0	16,300	16,500	61.0	16,000	16,300
85	56.5	14,500	14,700	58.5	14,200	14,500
90	54.5	12,900	13,100	56.5	12,700	12,900
95	52.0	11,500	11,700	54.0	11,300	11,500
100	49.0	10,300	10,500	51.5	10,100	10,300
105	46.5	9,200	9,400	49.0	9,000	9,200
110	43.5	8,300	8,400	46.5	8,000	8,200
115	40.5	7,400	7,500	43.5	7,200	7,300
120	37.5	6,600	6,700	41.0	6,400	6,500
125	34.0	5,800	6,000	37.5	5,600	5,800
130	30.0	5,200	5,300	34.5	5,000	5,100
135	25.5	4,600	4,700	30.5	4,400	4,500
140	19.5	4,000	4,100	26.5	3,800	3,900
145	11.0	3,500	3,600	21.5	3,300	3,400
150				15.0	2,800	2,900
Min.Bm. Ang./Cap.	0.0	3,400	3,500	0.0	2,600	2,700
Radius (ft)		146.5			153.5	

**Rated Lifting Capacities
In Pounds**



Full

26,000 lb

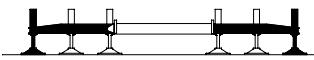


Load Radius (ft)	41.4 ft			55.0 ft			70.0 ft		
	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front
9	70.5	260,000	260,000						
10	69.0	240,600	240,600	74.5	77,300	77,300	78.0	67,800	67,800
12	66.0	218,000	218,000	72.5	77,300	77,300	76.5	67,800	67,800
15	61.0	184,400	184,400	69.0	77,300	77,300	74.0	67,800	67,800
20	52.0	136,800	136,800	63.0	77,300	77,300	69.5	67,800	67,800
25	41.5	107,300	107,300	57.0	77,300	77,300	65.0	66,900	66,900
30	27.0	84,400	85,300	50.0	77,300	77,300	60.5	59,800	59,800
35				42.0	67,100	67,800	55.5	54,000	54,000
40				32.5	52,400	53,000	50.0	49,300	49,300
45				18.0	42,300	42,800	44.0	44,900	45,300
50							37.0	37,500	38,000
55							28.5	31,900	32,300
60							15.5	27,400	27,800
Min.Bm. Ang./Cap.	0.0	63,500	63,500	0.0	26,500	26,500	0.0	15,300	15,300
Radius (ft)		32.8			46.5			61.5	

Load Radius (ft)	85.0 ft			100.0 ft			115.0 ft		
	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front
15	77.0	68,100	68,100						
20	74.0	66,100	66,100	76.5	60,000	60,000			
25	70.0	58,200	58,200	73.5	53,400	53,400	76.5	49,300	49,300
30	66.5	51,700	51,700	70.5	47,700	47,700	73.5	44,100	44,100
35	62.5	46,400	46,400	67.5	43,100	43,100	71.0	39,800	39,800
40	58.5	42,100	42,100	64.5	39,300	39,300	68.5	36,100	36,100
45	54.5	38,600	38,600	61.0	36,000	36,000	65.5	33,000	33,000
50	50.0	35,500	35,500	57.5	33,100	33,100	63.0	30,300	30,300
55	45.0	32,700	32,800	54.0	30,600	30,600	60.0	27,900	27,900
60	40.0	28,300	28,600	50.5	28,400	28,500	57.0	25,900	25,900
65	33.5	24,600	24,900	46.0	24,800	25,100	54.0	24,000	24,000
70	26.0	21,600	21,900	41.5	21,900	22,200	50.5	21,600	21,900
75	14.0	19,100	19,400	36.5	19,400	19,600	47.0	19,100	19,400
80				31.0	17,300	17,500	43.0	17,200	17,300
85				24.0	15,500	15,700	39.0	15,300	15,600
90				13.0	13,900	14,100	34.0	13,700	13,900
95							29.0	12,300	12,500
100							22.5	11,100	11,300
105							12.0	10,000	10,200
Min.Bm. Ang./Cap.	0.0	12,900	12,900	0.0	10,600	10,600	0.0	8,800	8,800
Radius (ft)		76.5			91.5			106.5	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



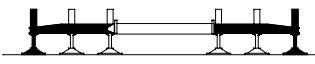
Full

26,000 lb



Load Radius (ft)	130.0 ft			140.0 ft			150.0 ft		
	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front
25	78.0	45,100	45,100						
30	76.0	43,200	43,200	77.5	37,200	37,200	78.0	31,900	31,900
35	74.0	39,100	39,100	75.5	37,200	37,200	76.5	31,900	31,900
40	71.5	35,700	35,700	73.5	34,900	34,900	75.0	31,900	31,900
45	69.5	32,700	32,700	71.5	32,000	32,000	73.0	30,000	30,000
50	67.0	30,100	30,100	69.5	29,400	29,400	71.0	27,500	27,500
55	64.5	27,800	27,800	67.0	27,100	27,100	69.0	25,300	25,300
60	62.0	25,800	25,800	64.5	25,000	25,000	67.0	23,400	23,400
65	59.5	24,000	24,000	62.5	23,200	23,200	65.0	21,700	21,700
70	56.5	21,100	21,400	60.0	20,600	20,900	62.5	20,200	20,200
75	53.5	18,600	18,900	57.0	18,200	18,400	60.0	17,800	18,100
80	50.5	16,700	16,900	54.5	16,300	16,500	58.0	15,900	16,200
85	47.5	14,900	15,100	51.5	14,500	14,700	55.5	14,100	14,400
90	44.0	13,300	13,500	49.0	12,900	13,100	52.5	12,600	12,800
95	40.5	11,900	12,100	46.0	11,600	11,800	50.0	11,200	11,400
100	36.5	10,700	10,900	42.5	10,300	10,500	47.5	10,000	10,200
105	32.0	9,600	9,800	39.0	9,200	9,400	44.5	8,900	9,100
110	27.5	8,600	8,800	35.5	8,300	8,400	41.5	7,900	8,100
115	21.0	7,700	7,900	31.5	7,400	7,500	38.0	7,100	7,200
120	11.5	6,900	7,100	26.5	6,600	6,700	34.5	6,300	6,400
125				20.5	5,800	6,000	30.5	5,500	5,700
130				11.5	5,200	5,300	26.0	4,900	5,000
135							20.0	4,300	4,400
140							11.0	3,700	3,800
Min.Bm. Ang./Cap.	0.0	6,700	6,900	0.0	5,000	5,200	0.0	3,600	3,700
Radius (ft)	121.5			131.5			141.5		

Not for crane operations

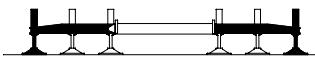
**Rated Lifting Capacities
In Pounds**

Full
26,000 lb


Load Radius (ft)	41.4 ft			55.0 ft			70.0 ft			85.0 ft		
	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front
9	70.5	260,000	260,000									
10	69.0	240,600	240,600	74.5	73,800	73,800	78.0	68,700	68,700			
12	66.0	218,000	218,000	72.5	73,800	73,800	76.5	68,700	68,700			
15	61.0	184,400	184,400	69.0	73,800	73,800	74.0	68,700	68,700	77.0	69,100	69,100
20	52.0	136,800	136,800	63.0	73,800	73,800	70.0	68,700	68,700	74.0	69,100	69,100
25	41.5	107,300	107,300	57.0	73,800	73,800	65.5	68,700	68,700	70.5	69,100	69,100
30	27.0	84,400	85,300	50.0	73,800	73,800	60.5	68,700	68,700	66.5	69,100	69,100
35				42.0	67,000	67,800	55.5	68,400	68,700	63.0	65,300	65,300
40				32.5	52,400	53,000	50.0	53,900	54,500	58.5	53,800	54,400
45				18.0	42,300	42,800	44.0	44,000	44,500	54.5	43,900	44,400
50							37.0	36,600	37,000	50.0	36,600	37,000
55							28.5	31,000	31,400	45.0	31,200	31,500
60							15.5	26,500	26,900	39.5	26,800	27,100
65										33.5	23,100	23,500
70										25.5	20,200	20,500
75										14.0	17,700	18,000
Min.Bm. Ang./Cap.	0.0	63,500	63,500	0.0	26,900	26,900	0.0	21,900	21,900	0.0	17,100	17,400
Radius (ft)	32.8			46.5			61.5			76.5		

Load Radius (ft)	100.0 ft			115.0 ft			124.7 ft		
	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front
20	76.5	61,000	61,000						
25	73.5	59,400	59,400	76.5	55,300	55,300	78.0	51,000	51,000
30	70.5	52,800	52,800	74.0	49,400	49,400	75.5	45,400	45,400
35	67.5	47,500	47,500	71.5	44,400	44,400	73.5	40,600	40,600
40	64.5	43,000	43,000	68.5	40,200	40,200	71.0	36,500	36,500
45	61.0	39,400	39,400	66.0	36,700	36,700	68.5	32,900	32,900
50	57.5	36,200	36,200	63.0	33,600	33,600	66.0	29,900	29,900
55	54.0	30,900	31,300	60.0	30,200	30,600	63.0	27,200	27,200
60	50.0	26,500	26,900	57.0	25,800	26,200	60.5	24,900	24,900
65	46.0	23,000	23,300	54.0	22,300	22,600	57.5	22,000	22,300
70	41.5	20,100	20,400	50.5	19,400	19,700	54.5	19,100	19,400
75	36.5	17,600	17,900	46.5	17,200	17,300	51.5	16,800	17,100
80	30.5	15,600	15,800	43.0	15,100	15,300	48.0	14,800	15,000
85	23.5	13,800	14,000	39.0	13,300	13,500	45.0	13,000	13,200
90	13.0	12,200	12,400	34.0	11,700	11,900	41.0	11,500	11,700
95				29.0	10,300	10,500	37.0	10,100	10,300
100				22.5	9,100	9,300	32.5	8,800	9,000
105				12.5	8,000	8,200	27.5	7,700	7,900
110							21.0	6,800	6,900
115							11.0	5,900	6,100
Min.Bm. Ang./Cap.	0.0	11,800	12,000	0.0	7,700	7,900	0.0	5,700	5,900
Radius (ft)	91.5			106.5			116.2		

Not for crane operations

**Rated Lifting Capacities
In Pounds**



Full

26,000 lb

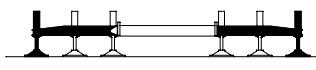


Load Radius (ft)	41.4 ft			55.0 ft			70.0 ft		
	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front
9	70.5	260,000	260,000						
10	69.0	240,600	240,600	74.5	73,800	73,800	78.0	68,700	68,700
12	66.0	218,000	218,000	72.5	73,800	73,800	76.5	68,700	68,700
15	61.0	184,400	184,400	69.0	73,800	73,800	74.0	68,700	68,700
20	52.0	136,800	136,800	63.0	73,800	73,800	70.0	68,700	68,700
25	41.5	107,300	107,300	57.0	73,800	73,800	65.5	68,700	68,700
30	27.0	84,400	85,300	50.0	73,800	73,800	60.5	68,700	68,700
35				42.0	67,000	67,800	55.5	68,400	68,700
40				32.5	52,400	53,000	50.0	53,900	54,500
45				18.0	42,300	42,800	44.0	44,000	44,500
50							37.0	36,600	37,000
55							28.5	31,000	31,400
60							15.5	26,500	26,900
Min.Bm. Ang./Cap.	0.0	63,500	63,500	0.0	26,900	26,900	0.0	21,900	21,900
Radius (ft)	32.8			46.5			61.5		

Load Radius (ft)	85.0 ft			100.0 ft			112.0 ft		
	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front
15	77.0	64,900	64,900						
20	74.0	64,900	64,900	76.5	65,200	65,200	78.5	56,400	56,400
25	70.5	64,900	64,900	74.0	65,200	65,200	76.0	55,500	55,500
30	66.5	64,900	64,900	71.0	63,900	63,900	73.5	48,900	48,900
35	63.0	64,900	64,900	68.0	57,100	57,100	70.5	43,400	43,400
40	58.5	53,700	54,300	64.5	51,300	51,300	68.0	39,000	39,000
45	54.5	43,800	44,300	61.0	42,900	43,400	65.0	35,200	35,200
50	49.5	36,500	36,900	57.5	35,600	36,100	62.0	31,900	31,900
55	45.0	31,100	31,500	54.0	30,300	30,600	59.0	29,100	29,100
60	39.5	26,700	27,000	50.0	25,900	26,200	56.0	25,400	25,800
65	33.0	23,100	23,400	46.0	22,400	22,700	52.5	21,900	22,200
70	25.5	20,100	20,400	41.5	19,500	19,800	49.0	19,000	19,300
75	14.0	17,600	17,900	36.5	17,100	17,300	45.0	16,800	17,000
80				31.0	15,000	15,200	41.0	14,700	14,900
85				23.5	13,200	13,400	36.5	12,900	13,100
90				13.0	11,600	11,800	31.5	11,300	11,500
95							25.5	9,900	10,100
100							17.5	8,700	8,900
Min.Bm. Ang./Cap.	0.0	17,000	17,300	0.0	11,200	11,400	0.0	7,900	8,100
Radius (ft)	76.5			91.5			103.5		

Not for crane operations

**Rated Lifting Capacities
In Pounds**



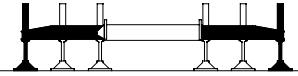
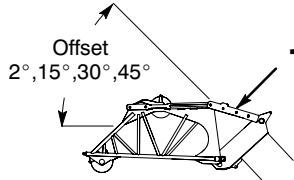
26,000 lb



Load Radius (ft)	41.4 ft			55.5 ft		
	24°	360°	Over Front	24°	360°	Over Front
9	70.5	260,000	260,000			
10	69.0	240,600	240,600	74.5	157,000	157,000
12	66.0	218,000	218,000	72.5	157,000	157,000
15	61.0	184,400	184,400	69.5	157,000	157,000
20	52.0	136,800	136,800	63.5	139,400	139,400
25	41.5	107,300	107,300	57.5	110,000	110,000
30	27.0	84,400	85,300	50.5	88,400	89,300
35				42.5	65,800	66,500
40				33.5	51,300	51,900
45				20.0	41,200	41,700
Min.Bm. Ang./Cap.	0.0	63,500	63,500	0.0	38,100	38,600
Radius (ft)		32.8			47.0	

Load Radius (ft)	70.4 ft			86.2 ft		
	24°	360°	Over Front	24°	360°	Over Front
10	78.5	151,100	151,100			
12	77.0	150,200	150,200			
15	74.5	135,800	135,800	78.0	105,500	105,500
20	70.0	116,900	116,900	74.5	89,800	89,800
25	65.5	102,400	102,400	71.0	77,900	77,900
30	60.5	88,900	89,800	67.0	68,500	68,500
35	55.5	66,300	67,000	63.5	61,000	61,000
40	50.0	52,000	52,500	59.5	51,200	51,800
45	44.0	42,100	42,600	55.0	41,300	41,800
50	37.5	34,800	35,300	50.5	34,300	34,700
55	29.0	29,300	29,700	46.0	28,800	29,200
60	17.0	24,900	25,200	40.5	24,500	24,800
65				34.5	20,900	21,300
70				27.5	18,000	18,300
75				17.5	15,600	15,900
Min.Bm. Ang./Cap.	0.0	23,500	23,800	0.0	14,500	14,700
Radius (ft)		61.9			77.7	

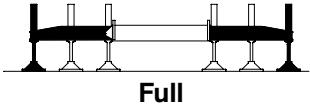
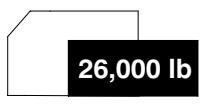
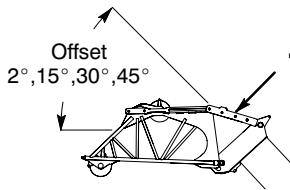
Not for crane operations

Rated Lifting Capacities In Pounds											Full		26,000 lb		360°					
Boom Length (ft)	41.4	55.0	70.0	85.0	100.0	115.0	130.0	145.0	155.0	162.0										
Load Radius (ft)	 10.0 ft Offset Fly																			
10	51,800	51,800																		
12	47,300	51,800	48,600																	
15	46,400	46,800	48,600	48,600																
20	45,200	45,700	45,200	44,000	45,100															
25	44,600	44,800	44,500	43,400	41,200	38,300	28,900													
30	44,600	44,400	43,900	43,000	39,200	38,300	28,900	25,600	22,400											
35	44,600	44,300	41,300	41,300	35,200	36,400	28,900	25,600	22,400											
40	44,600	44,300	37,400	37,400	32,200	33,200	28,900	25,600	22,400	20,000										
45		44,300	34,400	34,400	29,300	30,300	27,300	25,600	22,400	20,000										
50		37,000	31,600	31,600	26,800	27,800	24,900	25,600	22,400	20,000										
55		31,400	29,300	29,100	24,700	25,600	22,900	24,200	22,400	20,000										
60			27,200	27,000	22,900	23,700	21,100	22,500	21,200	20,000										
65			24,800	25,000	21,200	22,000	19,500	20,900	19,600	18,700										
70			21,800	22,000	19,800	20,400	18,100	19,400	18,100	17,000										
75				19,500	18,500	19,100	17,100	18,100	17,100	16,300										
80				17,400	17,300	17,200	15,900	16,200	15,800	15,100										
85					15,700	15,800	15,400	14,900	14,400	14,000	13,800									
90						14,200	13,800	13,500	12,800	12,400	12,200									
95						12,800	12,400	12,100	11,500	11,100	10,800									
100						11,600	11,200	10,900	10,200	9,800	9,600									
105							10,100	9,800	9,100	8,800	8,500									
110								9,100	8,800	8,200	7,800	7,500								
115								8,300	7,900	7,300	6,900	6,700								
120									7,100	6,500	6,100	5,900								
125									6,400	5,800	5,400	5,200								
130									5,800	5,100	4,700	4,500								
135										4,500	4,100	3,900								
140										3,900	3,600	3,300								
145										3,500	3,100	2,800								
150											2,600	2,400								
155											2,200	1,900								
160												1,500								
Min.Bm. Ang./Cap.	0	34,200	0	18,300	0	10,600	0	9,000	0	7,300	0	6,000	0	4,600	0	3,400	0	2,100	0	1,300
Radius (ft)	42.8	56.5	71.5	86.5	101.5	116.5	131.5	146.5	156.5	163.5										

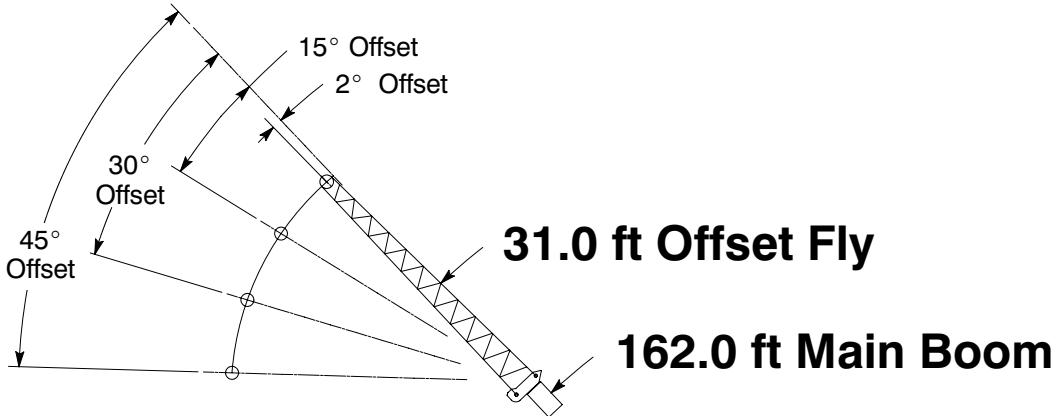
Not for crane operations

Rated Lifting Capacities In Pounds									
Boom Length (ft)	41.4	55.0	70.0	85.0	100.0	115.0	130.0	140.0	150.0
Load Radius (ft)									
10	51,800	51,800							
12	47,300	51,800	51,800						
15	46,400	46,800	51,500	51,800					
20	45,200	45,700	45,400	44,400	48,000				
25	44,600	44,800	44,700	43,700	42,400	41,600	36,300		
30	44,600	44,400	44,100	43,200	41,800	40,000	36,300	29,900	25,400
35	44,600	44,300	43,600	40,800	37,800	36,100	34,100	29,900	25,400
40		44,300	39,700	37,000	34,500	33,000	32,200	29,900	25,400
45		44,300	36,400	34,100	31,700	30,100	29,500	29,500	25,400
50		37,000	33,800	31,300	29,200	27,600	27,100	27,100	25,400
55		31,400	31,400	28,900	27,000	25,400	25,100	24,900	23,300
60			28,200	26,800	25,100	23,500	23,200	23,000	21,500
65			24,600	24,800	23,400	21,700	21,600	21,300	19,800
70			21,700	21,900	21,800	20,200	20,100	19,700	18,400
75				19,400	19,300	18,900	18,300	17,800	17,200
80				17,400	17,300	16,900	16,400	15,900	15,500
85				15,600	15,500	15,100	14,600	14,100	13,700
90					13,900	13,500	13,000	12,500	12,200
95					12,500	12,100	11,600	11,200	10,800
100					11,300	10,900	10,400	9,900	9,600
105						9,800	9,300	8,900	8,500
110							8,900	8,300	7,500
115							8,000	7,400	6,600
120								6,700	6,200
125								5,900	5,100
130								5,300	4,900
135									4,200
140									3,700
145									3,300
150									2,800
									2,400
Min.Bm. Ang./Cap.	0	34,200	0	18,300	0	11,500	0	9,800	0
Radius (ft)	42.8	56.5	71.5	86.5	101.5	116.5	131.5	141.5	151.5

Not for crane operations

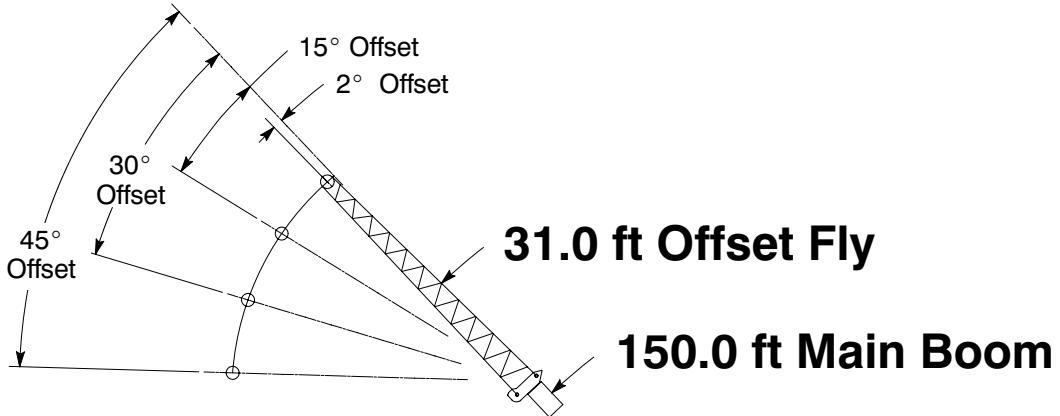
Rated Lifting Capacities In Pounds							
Boom Length (ft)	41.4	55.0	70.0	85.0	100.0	115.0	124.7
Load Radius (ft)	 10.0 ft Offset Fly						
10	51,800	51,800					
12	47,300	51,800	51,800				
15	46,400	46,800	51,800	51,800			
20	45,200	45,700	46,000	45,800	51,800		
25	44,600	44,900	45,100	45,000	44,300	50,700	43,400
30	44,600	44,400	44,500	44,400	43,800	42,800	41,600
35	44,600	44,300	44,100	44,000	41,300	40,100	37,300
40	44,600	44,300	44,000	43,700	37,500	36,400	34,000
45		44,300	44,000	43,500	34,500	33,400	31,000
50		36,900	37,400	37,000	31,800	30,600	28,300
55		31,400	31,900	31,500	29,400	28,200	25,700
60			27,500	27,100	26,600	25,800	23,500
65			23,900	23,500	23,100	22,300	21,500
70			21,000	20,600	20,200	19,400	19,000
75				18,100	17,700	17,100	16,700
80				16,100	15,700	15,000	14,600
85				14,300	13,900	13,200	12,900
90					12,400	11,700	11,300
95					11,000	10,300	9,900
100					9,800	9,100	8,700
105						8,000	7,700
110						7,000	6,700
115						6,200	5,800
120							5,000
125							4,400
Min.Bm. Ang./Cap.	0	34,200	0	18,500	0	15,800	0
Radius (ft)	42.8	56.5	71.5	86.5	101.5	116.5	126.2

Not for crane operations



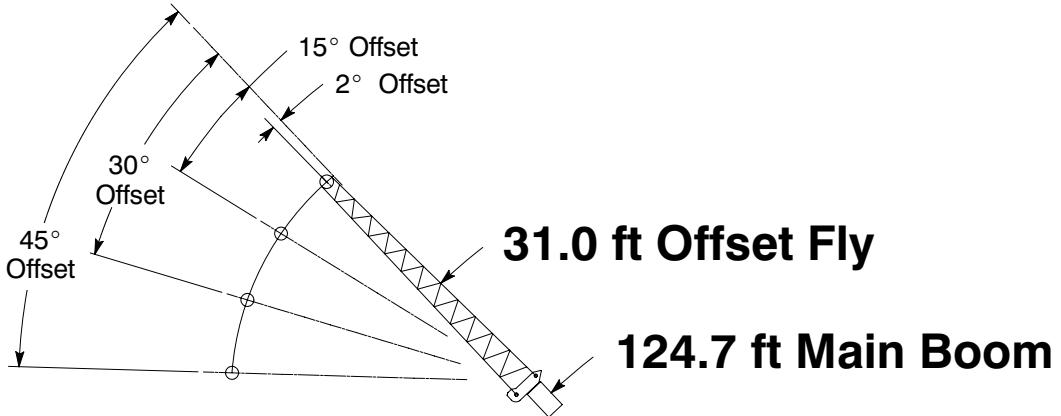
Rated Lifting Capacities In Pounds		Full		26,000 lb				
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
35	79.0	14,600						
40	78.0	14,600						
45	77.0	14,600	79.0	14,600				
50	75.5	14,600	78.0	14,600				
55	74.5	14,600	76.5	14,600	78.5	14,300		
60	73.0	14,600	75.5	14,600	77.5	14,100	79.0	13,200
65	72.0	14,600	74.0	14,600	76.0	14,000	77.5	13,100
70	70.5	14,600	73.0	14,600	74.5	13,800	76.5	13,100
75	69.5	14,600	71.5	14,600	73.5	13,700	75.0	13,000
80	67.5	14,200	70.0	14,400	72.0	13,600	73.5	12,900
85	66.0	13,200	68.5	13,400	70.5	13,500	72.0	12,800
90	64.5	12,300	66.5	12,500	68.5	12,800	70.5	12,800
95	62.5	11,200	65.0	11,700	67.0	11,900	68.5	12,100
100	60.5	9,900	63.0	10,500	65.0	11,100	66.5	11,300
105	58.5	8,800	61.0	9,400	63.0	9,900	64.5	10,300
110	56.5	7,900	59.0	8,400	61.0	8,900	62.5	9,200
115	54.5	7,000	57.0	7,500	59.0	7,900	60.5	8,200
120	52.5	6,200	54.5	6,600	56.5	7,000	58.0	7,300
125	50.5	5,500	52.5	5,900	54.5	6,200	56.0	6,400
130	48.0	4,800	50.5	5,200	52.5	5,500	53.5	5,700
135	46.0	4,200	48.0	4,500	50.0	4,800	51.0	5,000
140	43.5	3,600	45.5	3,900	47.5	4,200	48.5	4,300
145	41.0	3,100	43.5	3,400	45.0	3,600	45.5	3,700
150	38.5	2,600	40.5	2,900	42.0	3,100		
155	36.0	2,200	38.0	2,400	39.5	2,600		
160	33.0	1,800	35.0	2,000	36.0	2,100		
165	29.5	1,400	31.5	1,600	32.5	1,700		
170			28.0	1,200				
Min.Bm. Ang./Cap.	26.0		27.0		26.5		26.5	
Radius (ft)	170.0		171.2		172.5		171.1	
Maximum Boom Length At 0° Boom Angle (ft)	144							

Not for crane operations



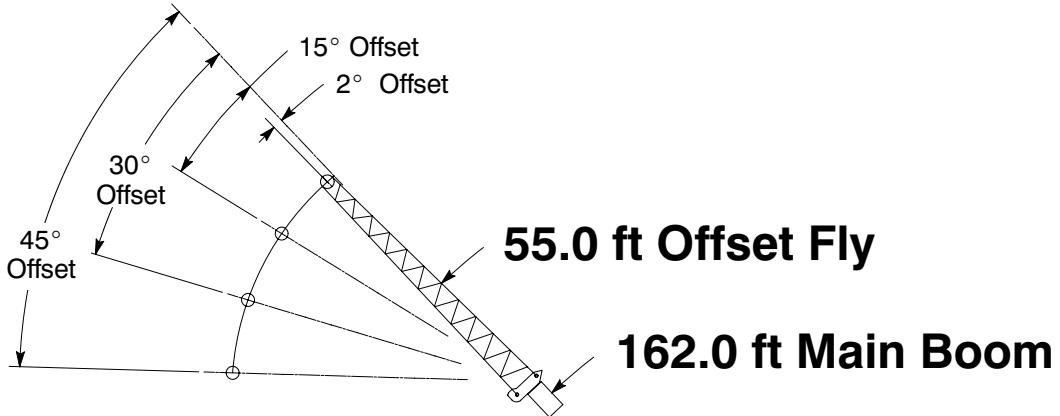
Rated Lifting Capacities In Pounds									
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset		
	°	360°	°	360°	°	360°	°	360°	
35	79.0	17,600							
40	77.5	17,600							
45	76.0	17,600	78.5	17,300					
50	75.0	17,600	77.0	17,000	79.0	15,300			
55	73.5	17,600	75.5	16,700	77.5	15,000	79.5	13,900	
60	72.0	17,600	74.0	16,400	76.5	14,800	78.0	13,700	
65	71.0	17,600	72.5	16,200	74.5	14,600	76.5	13,600	
70	69.0	17,300	71.0	15,900	73.0	14,400	75.0	13,500	
75	67.5	16,100	69.5	15,700	71.5	14,300	73.5	13,400	
80	65.5	15,000	68.0	15,100	70.0	14,100	71.5	13,300	
85	64.0	14,000	66.0	14,100	68.5	13,900	70.0	13,200	
90	62.0	12,600	64.5	13,200	66.5	13,400	68.0	13,200	
95	60.0	11,200	62.5	11,900	64.5	12,500	66.5	12,800	
100	57.5	10,000	60.0	10,600	62.5	11,100	64.0	11,500	
105	55.5	8,900	58.0	9,400	60.0	9,900	62.0	10,300	
110	53.5	7,900	56.0	8,400	58.0	8,900	59.5	9,200	
115	51.0	7,100	53.5	7,500	55.5	7,900	57.0	8,200	
120	49.0	6,300	51.0	6,700	53.0	7,000	54.5	7,300	
125	46.5	5,500	49.0	5,900	50.5	6,200	52.0	6,400	
130	44.0	4,900	46.5	5,200	48.0	5,500	49.0	5,600	
135	41.5	4,300	43.5	4,600	45.5	4,800	46.0	4,900	
140	38.5	3,700	41.0	4,000	42.5	4,200			
145	36.0	3,200	38.0	3,400	39.5	3,600			
150	32.5	2,700	34.5	2,900	36.0	3,100			
155	29.0	2,300	31.0	2,500	32.5	2,600			
160	25.0	1,900	27.0	2,000					
165	20.5	1,500	22.5	1,600					
170	13.5	1,200	15.5	1,200					
Min.Bm. Ang./Cap.	0.0	1,100	0.0	1,100	0.0	1,100	0.0	1,200	
Radius (ft)	172.5		172.1		170.1		166.4		

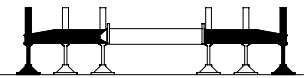
Not for crane operations



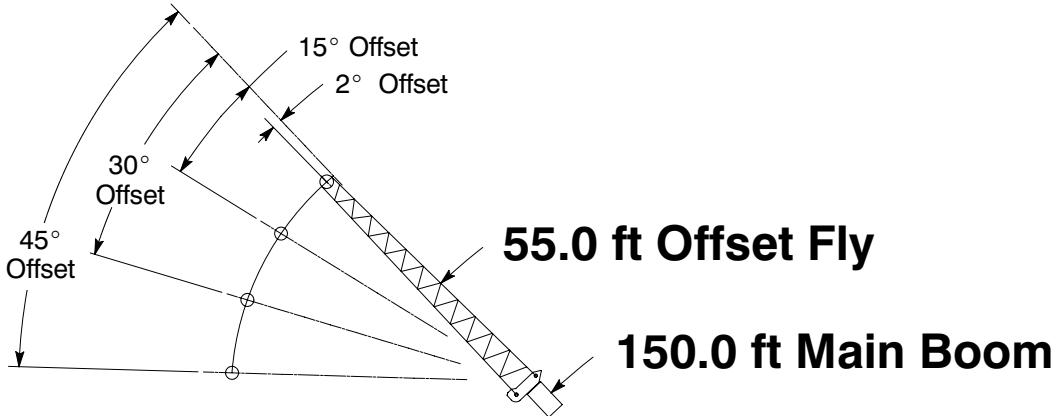
Rated Lifting Capacities In Pounds			Full		26,000 lb		EM3	
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
30	78.5	28,100						
35	77.0	27,000	79.0	20,400				
40	75.5	26,000	77.5	20,400				
45	73.5	24,900	75.5	19,300	78.0	16,600		
50	72.0	24,000	74.0	18,700	76.0	16,300	78.5	14,700
55	70.0	23,100	72.0	18,200	74.5	15,900	76.5	14,500
60	68.0	20,400	70.0	17,700	72.5	15,600	74.5	14,300
65	66.0	19,800	68.0	17,300	70.5	15,300	72.5	14,100
70	64.0	19,200	66.0	16,900	68.5	15,000	70.5	14,000
75	62.0	17,400	64.0	16,500	66.5	14,800	68.5	13,800
80	59.5	15,500	62.0	16,100	64.5	14,600	66.0	13,700
85	57.0	13,700	60.0	14,400	62.5	14,400	64.0	13,700
90	54.5	12,100	57.5	12,800	60.0	13,400	61.5	13,600
95	52.0	10,800	55.0	11,400	57.0	11,900	59.0	12,300
100	49.5	9,500	52.0	10,100	54.5	10,600	56.0	10,900
105	47.0	8,500	49.5	8,900	51.5	9,400	53.0	9,600
110	44.0	7,500	46.5	7,900	48.5	8,300	50.0	8,500
115	41.0	6,600	43.5	7,000	45.5	7,300	46.5	7,500
120	38.0	5,800	40.5	6,200	42.5	6,400		
125	34.5	5,100	37.0	5,400	38.5	5,600		
130	30.5	4,400	33.0	4,700	34.5	4,900		
135	26.0	3,800	28.5	4,000				
140	21.0	3,300	23.0	3,400				
145	13.5	2,800	15.0	2,900				
Min.Bm. Ang./Cap.	0.0	2,700	0.0	2,700	0.0	2,800	0.0	2,900
Radius (ft)	147.2		146.9		144.9		141.4	

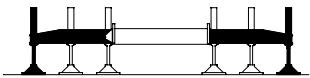
Not for crane operations



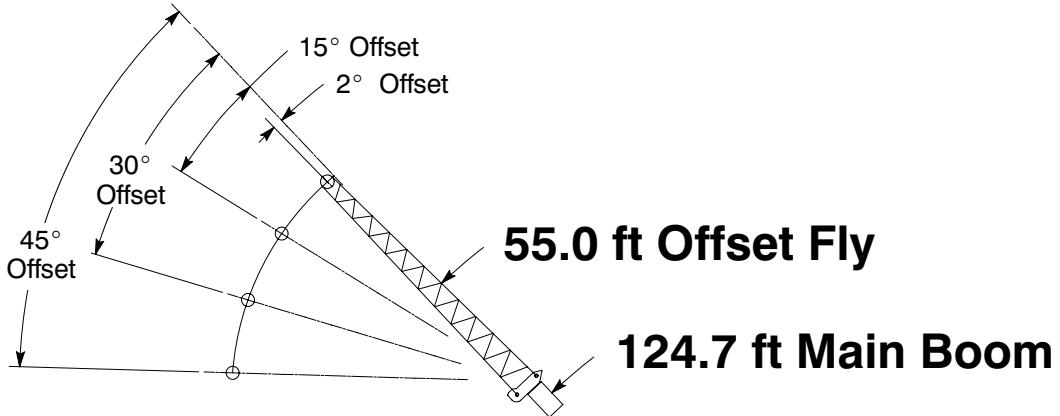
Rated Lifting Capacities In Pounds				Full				
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
40	79.5	10,600						
45	78.5	10,600						
50	77.5	10,600						
55	76.5	10,600						
60	75.5	10,600	78.5	9,700				
65	74.5	10,600	77.5	9,500				
70	73.5	10,500	76.5	9,400	79.5	8,300		
75	72.0	10,300	75.0	9,200	78.5	8,200		
80	71.0	10,200	74.0	9,000	77.0	8,100		
85	69.5	10,000	72.5	8,900	76.0	8,000	78.5	7,300
90	68.5	9,800	71.5	8,700	74.5	7,800	77.0	7,300
95	67.0	9,600	70.0	8,600	73.5	7,700	76.0	7,200
100	66.0	9,500	69.0	8,500	72.0	7,600	74.5	7,100
105	64.5	9,200	67.5	8,300	70.5	7,600	73.0	7,100
110	63.0	8,600	66.0	8,200	69.0	7,500	71.5	7,100
115	61.5	7,700	65.0	8,100	67.5	7,400	70.0	7,000
120	59.5	6,900	63.0	7,600	66.5	7,300	68.5	7,000
125	57.5	6,100	61.5	6,800	65.0	7,300	67.0	7,000
130	56.0	5,400	59.5	6,100	63.0	6,800	65.5	6,900
135	54.0	4,800	57.5	5,500	61.0	6,100	63.5	6,500
140	52.0	4,300	55.5	4,800	59.0	5,400	61.5	5,800
145	50.5	3,700	53.5	4,300	57.0	4,800	59.0	5,100
150	48.5	3,200	51.5	3,700	55.0	4,200	57.0	4,500
155	46.5	2,800	49.5	3,300	52.5	3,700	54.5	3,900
160	44.0	2,400	47.5	2,800	50.5	3,200	52.0	3,400
165	42.0	2,000	45.5	2,400	48.0	2,700	49.5	2,900
170	40.0	1,600	43.0	2,000	45.5	2,300	46.5	2,400
175	37.5	1,300	40.5	1,600	43.0	1,900		
180			38.5	1,300	40.5	1,500		
Min.Bm. Ang./Cap.	36.0		37.0		37.5		37.5	
Radius (ft)	178.3		182.5		185.0		184.0	
Maximum Boom Length At 0° Boom Angle (ft)	136							

Not for crane operations



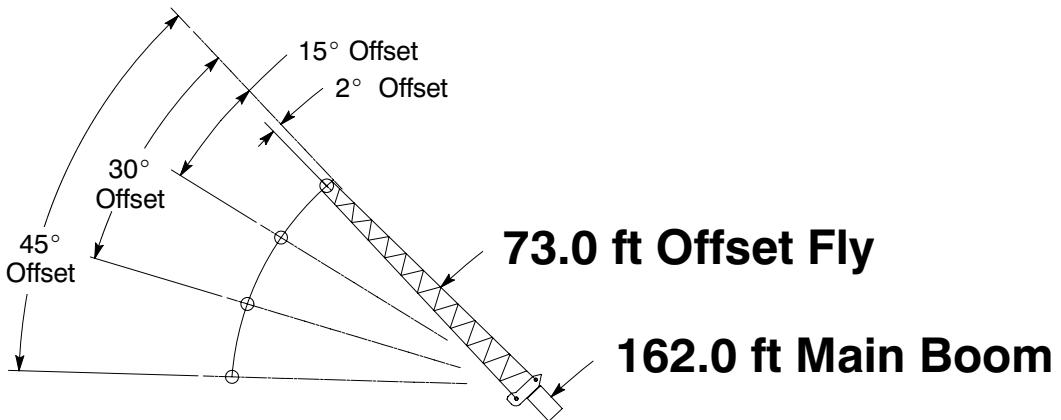
Rated Lifting Capacities In Pounds								
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
40	79.5	12,700						
45	78.0	12,500						
50	77.0	12,200						
55	76.0	12,000	79.0	10,500				
60	74.5	11,700	78.0	10,300				
65	73.5	11,500	76.5	10,000				
70	72.0	11,200	75.5	9,800	79.0	8,600		
75	71.0	11,000	74.0	9,600	77.5	8,400		
80	69.5	10,700	72.5	9,400	76.0	8,300	79.0	7,600
85	68.0	10,500	71.5	9,200	74.5	8,200	77.5	7,500
90	66.5	10,200	70.0	9,000	73.0	8,000	76.0	7,400
95	65.5	10,000	68.5	8,900	71.5	7,900	74.5	7,400
100	64.0	9,800	67.0	8,700	70.0	7,800	73.0	7,300
105	62.5	9,600	65.5	8,500	68.5	7,700	71.5	7,200
110	60.5	8,700	64.0	8,400	67.0	7,600	69.5	7,200
115	58.5	7,800	62.5	8,200	65.5	7,500	68.0	7,200
120	57.0	7,000	60.5	7,700	64.0	7,500	66.0	7,100
125	55.0	6,300	58.5	7,000	62.0	7,400	64.5	7,100
130	53.0	5,600	56.5	6,200	60.0	6,800	62.5	7,000
135	51.0	5,000	54.5	5,600	58.0	6,100	60.5	6,500
140	49.0	4,400	52.5	4,900	56.0	5,500	58.0	5,800
145	46.5	3,900	50.5	4,400	53.5	4,800	55.5	5,100
150	44.5	3,400	48.0	3,900	51.0	4,300	53.0	4,500
155	42.0	2,900	45.5	3,400	48.5	3,700	50.0	3,900
160	40.0	2,500	43.5	2,900	46.0	3,200	47.0	3,400
165	37.5	2,100	40.5	2,500	43.5	2,700		
170	34.5	1,800	38.0	2,100	40.5	2,300		
175	32.0	1,400	35.0	1,700	37.0	1,900		
180			32.0	1,300	33.5	1,500		
Min.Bm. Ang./Cap.	29.0		29.5		29.0		26.0	
Radius (ft)	180.0		183.3		185.0		180.4	
Maximum Boom Length At 0° Boom Angle (ft)		133						

Not for crane operations



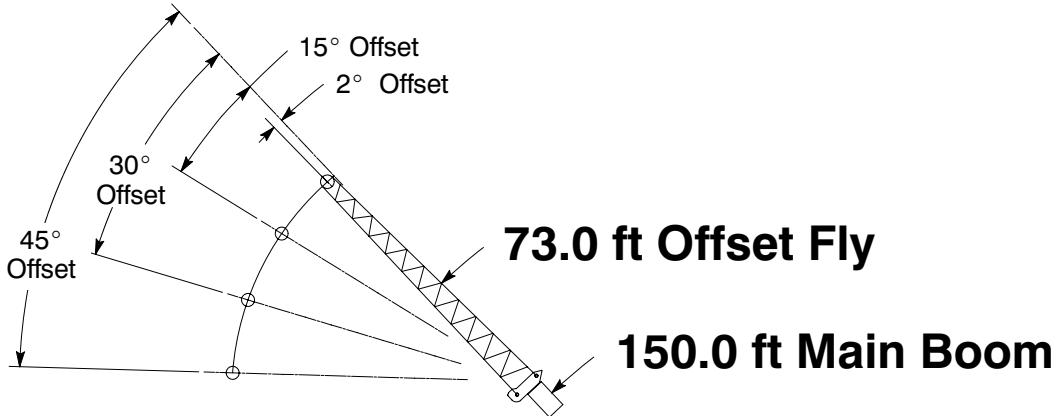
Rated Lifting Capacities In Pounds									
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset		
	°	360°	°	360°	°	360°	°	360°	
35	78.5	15,300							
40	77.5	14,800							
45	76.0	14,300	79.5	12,000					
50	74.5	13,800	78.0	11,600					
55	73.0	13,300	76.5	11,200					
60	71.5	12,800	75.0	10,900	79.0	9,300			
65	69.5	12,400	73.5	10,500	77.5	9,100			
70	68.0	12,000	72.0	10,200	76.0	8,900	79.0	8,000	
75	66.5	11,600	70.0	9,900	74.0	8,700	77.5	7,800	
80	65.0	11,200	68.5	9,700	72.5	8,500	75.5	7,700	
85	63.0	10,800	67.0	9,400	70.5	8,300	74.0	7,600	
90	61.5	10,500	65.0	9,200	69.0	8,200	72.0	7,600	
95	59.5	10,200	63.0	9,000	67.0	8,000	70.0	7,500	
100	57.5	9,900	61.5	8,800	65.0	7,900	68.0	7,400	
105	55.5	9,500	59.5	8,600	63.0	7,800	66.0	7,400	
110	53.5	8,500	57.5	8,400	61.0	7,700	63.5	7,300	
115	51.5	7,600	55.5	8,200	59.0	7,600	61.5	7,300	
120	49.0	6,800	53.0	7,500	56.5	7,500	59.0	7,200	
125	46.5	6,100	50.5	6,700	54.5	7,300	56.5	7,200	
130	44.0	5,400	48.0	6,000	51.5	6,500	54.0	6,800	
135	41.5	4,800	45.5	5,300	49.0	5,800	50.5	6,000	
140	39.0	4,200	42.5	4,700	46.0	5,100	47.0	5,300	
145	36.0	3,700	39.5	4,100	42.5	4,400			
150	32.5	3,200	36.5	3,600	39.0	3,800			
155	29.0	2,800	33.0	3,100	35.0	3,300			
160	25.5	2,400	28.5	2,600	30.0	2,700			
165	20.5	2,000	23.5	2,200					
170	12.5	1,700							
Min.Bm. Ang./Cap.	0.0	1,600	0.0	1,700	0.0	1,800	0.0	1,900	
Radius (ft)	171.2		170.5		167.2		161.4		

Not for crane operations



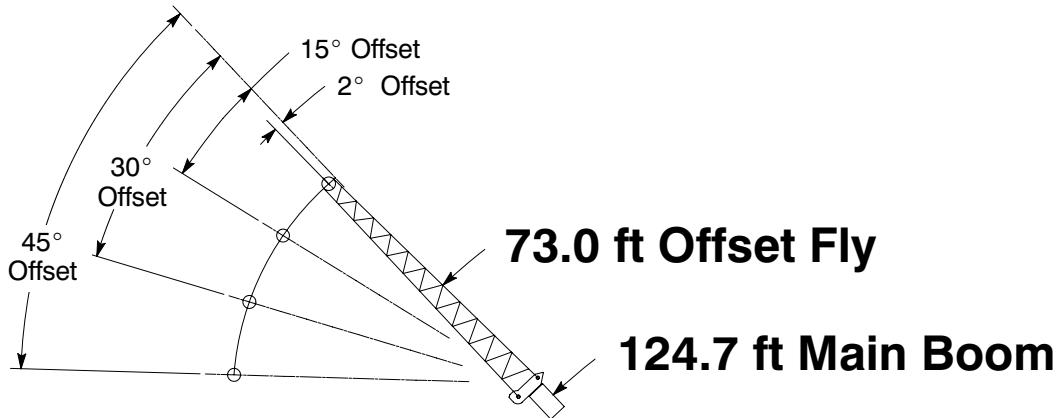
Rated Lifting Capacities In Pounds		Full							
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset		
	°	360°	°	360°	°	360°	°	360°	
55	79.0	8,500							
60	78.0	8,500							
65	77.0	8,500							
70	76.0	8,500	79.0	8,500					
75	75.0	8,500	78.0	8,500					
80	74.0	8,500	77.0	8,500					
85	73.0	8,500	76.0	8,400	79.0	7,600			
90	72.0	8,500	74.5	8,300	77.5	7,500			
95	71.0	8,500	73.5	8,200	76.5	7,500	79.0	6,800	
100	70.0	8,500	72.5	8,100	75.5	7,400	78.0	6,600	
105	69.0	8,500	71.5	8,000	74.0	7,100	76.5	6,400	
110	67.5	8,000	70.0	7,900	73.0	6,900	75.0	6,300	
115	66.0	7,400	69.0	7,700	71.5	6,700	74.0	6,100	
120	64.5	6,700	67.5	7,100	70.0	6,500	72.5	6,000	
125	63.0	5,900	66.0	6,600	69.0	6,300	71.0	5,800	
130	61.0	5,200	64.0	5,900	67.5	6,200	69.5	5,700	
135	59.5	4,600	62.5	5,200	66.0	5,900	68.0	5,600	
140	58.0	4,000	61.0	4,600	64.0	5,200	66.5	5,500	
145	56.0	3,500	59.0	4,000	62.5	4,600	65.0	5,100	
150	54.5	3,000	57.5	3,500	60.5	4,000	63.0	4,400	
155	52.5	2,500	55.5	3,000	58.5	3,500	61.0	3,900	
160	51.0	2,100	53.5	2,500	56.5	3,000	59.0	3,300	
165	49.0	1,700	52.0	2,100	55.0	2,600	56.5	2,800	
170	47.5	1,300	50.0	1,700	53.0	2,100	54.5	2,400	
175			48.0	1,300	51.0	1,700	52.5	1,900	
180					48.5	1,300	50.0	1,500	
Min.Bm. Ang./Cap.	46.0		46.5		47.0		47.5		
Radius (ft)	173.3		178.3		183.3		185.0		
Maximum Boom Length At 0° Boom Angle (ft)					123				

Not for crane operations



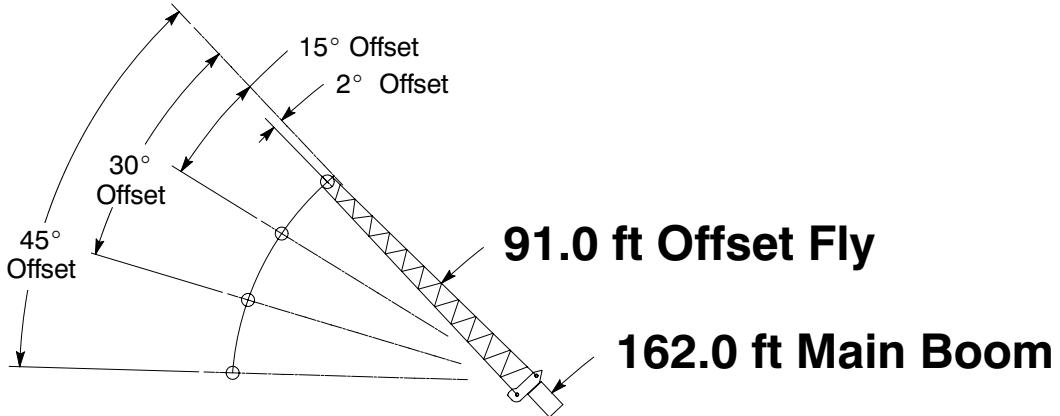
Rated Lifting Capacities In Pounds								
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
50	79.5	10,100						
55	78.5	10,100						
60	77.0	10,100						
65	76.0	10,100	79.0	9,400				
70	75.0	10,100	77.5	9,300				
75	74.0	10,000	76.5	9,100				
80	73.0	9,800	75.5	9,000	78.5	8,100		
85	71.5	9,700	74.0	8,900	77.5	7,900		
90	70.5	9,600	73.0	8,700	76.0	7,800	79.0	7,100
95	69.5	9,400	72.0	8,600	75.0	7,700	77.5	6,900
100	68.0	9,300	70.5	8,500	73.5	7,400	76.0	6,700
105	67.0	9,100	69.0	8,200	72.0	7,200	74.5	6,500
110	65.5	8,600	68.0	7,900	70.5	6,900	73.0	6,300
115	63.5	7,800	66.5	7,700	69.5	6,700	71.5	6,200
120	62.0	7,000	65.0	7,400	68.0	6,500	70.0	6,000
125	60.0	6,300	63.5	6,900	66.5	6,400	68.5	5,900
130	58.5	5,600	61.5	6,200	64.5	6,200	67.0	5,800
135	56.5	4,900	59.5	5,500	63.0	6,000	65.5	5,600
140	55.0	4,400	58.0	4,900	61.5	5,500	63.5	5,500
145	53.0	3,800	56.0	4,300	59.5	4,900	61.5	5,300
150	51.0	3,300	54.0	3,800	57.5	4,300	59.5	4,600
155	49.5	2,900	52.0	3,300	55.5	3,800	57.5	4,100
160	47.5	2,400	50.0	2,800	53.0	3,300	55.0	3,500
165	45.5	2,000	48.0	2,400	51.0	2,800	52.5	3,000
170	43.0	1,700	46.0	2,000	48.5	2,400	50.0	2,500
175	41.0	1,300	44.0	1,600	46.5	1,900	47.5	2,100
180			41.5	1,300	44.0	1,600	45.0	1,600
185					41.5	1,200		
Min.Bm. Ang./Cap.	39.5		40.0		41.0		41.0	
Radius (ft)	178.3		183.3		186.3		186.3	
Maximum Boom Length At 0° Boom Angle (ft)	122							

Not for crane operations

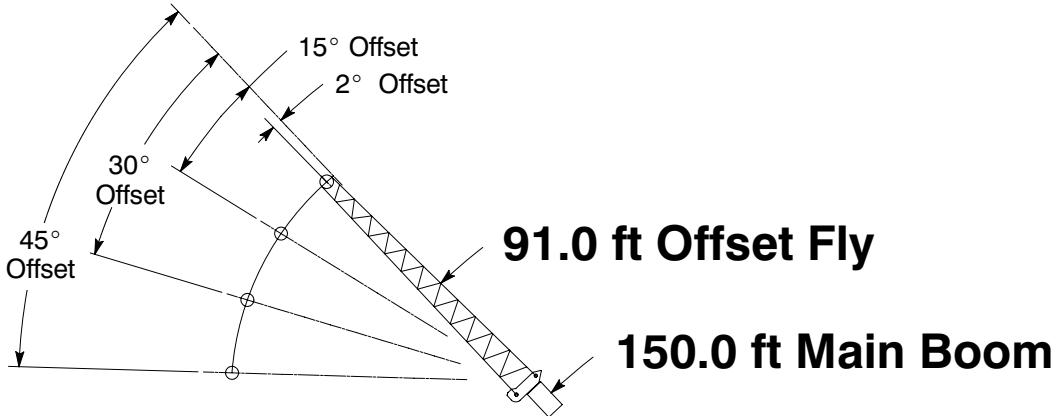


Rated Lifting Capacities In Pounds									
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset		
	°	360°	°	360°	°	360°	°	360°	
40	79.5	13,200							
45	78.0	12,900							
50	77.0	12,600							
55	75.5	12,300	78.5	10,900					
60	74.5	12,000	77.0	10,600					
65	73.0	11,700	76.0	10,400	79.5	9,000			
70	71.5	11,400	74.5	10,100	78.0	8,800			
75	70.0	11,200	73.0	9,900	76.5	8,600			
80	68.5	10,900	71.5	9,700	75.0	8,500	78.0	7,700	
85	67.0	10,600	70.0	9,500	73.5	8,300	76.5	7,500	
90	65.5	10,300	68.5	9,200	72.0	8,000	75.0	7,300	
95	64.0	9,900	67.0	8,800	70.5	7,700	73.5	7,100	
100	62.5	9,400	65.5	8,400	68.5	7,400	71.5	6,800	
105	61.0	9,000	63.5	8,100	67.0	7,200	70.0	6,600	
110	59.0	8,500	62.0	7,800	65.5	7,000	68.0	6,500	
115	57.0	7,600	60.0	7,500	63.5	6,700	66.0	6,300	
120	55.0	6,800	58.5	7,200	61.5	6,500	64.0	6,100	
125	53.0	6,100	56.5	6,700	59.5	6,300	62.0	6,000	
130	51.0	5,400	54.5	5,900	58.0	6,200	60.0	5,800	
135	49.0	4,700	52.0	5,300	55.5	5,800	58.0	5,700	
140	46.5	4,200	50.0	4,600	53.5	5,200	55.5	5,500	
145	44.5	3,600	47.5	4,100	51.0	4,500	53.0	4,800	
150	42.0	3,200	45.0	3,500	48.5	4,000	50.0	4,200	
155	39.5	2,700	42.5	3,100	45.5	3,400	47.0	3,600	
160	37.0	2,300	40.0	2,600	43.0	2,900			
165	34.0	1,900	37.0	2,200	39.5	2,400			
170	31.0	1,500	34.0	1,800	36.5	2,000			
175	28.0	1,200	30.5	1,400	32.5	1,500			
Min.Bm. Ang./Cap.	26.5		27.5		27.7		22.5		
Radius (ft)	176.7		178.8		180.0		175.3		
Maximum Boom Length At 0° Boom Angle (ft)	110								

Not for crane operations

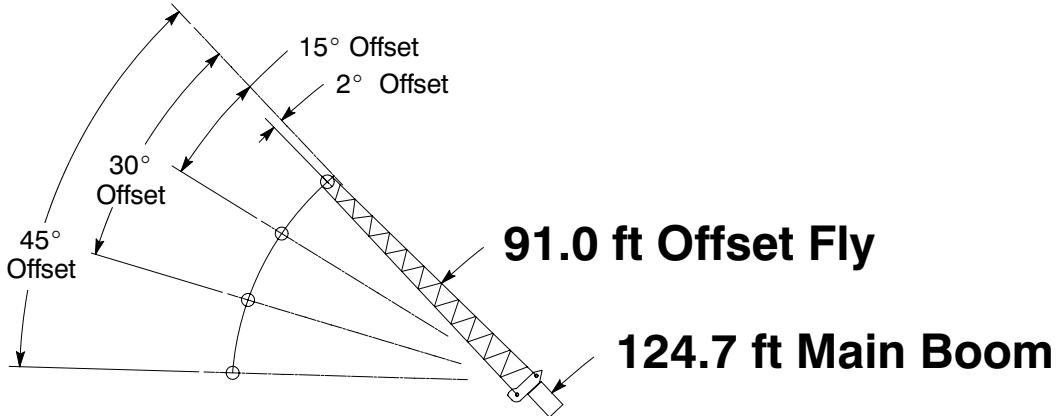


Rated Lifting Capacities In Pounds											
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset				
	°	360°	°	360°	°	360°	°	360°	°	360°	
60	79.5	6,500									
65	78.5	6,500									
70	77.5	6,500									
75	76.5	6,500	79.0	6,500							
80	76.0	6,500	78.5	6,500							
85	75.0	6,500	77.5	6,500							
90	74.0	6,500	76.5	6,500	79.5	6,100					
95	73.0	6,500	75.5	6,500	78.0	5,900					
100	72.0	6,500	74.5	6,300	77.0	5,600	79.5	5,200			
105	71.0	6,500	73.5	6,000	76.0	5,400	78.0	5,000			
110	70.0	6,400	72.0	5,800	75.0	5,200	77.0	4,800			
115	69.0	6,100	71.0	5,500	73.5	5,000	76.0	4,600			
120	67.5	5,800	70.0	5,300	72.5	4,800	74.5	4,500			
125	66.5	5,500	68.5	5,100	71.0	4,600	73.5	4,300			
130	65.0	5,100	67.5	4,900	70.0	4,400	72.0	4,200			
135	63.5	4,500	66.0	4,700	68.5	4,300	70.5	4,000			
140	62.0	3,900	65.0	4,500	67.5	4,100	69.5	3,900			
145	60.5	3,400	63.0	4,000	66.0	4,000	68.0	3,800			
150	59.0	2,900	61.5	3,400	64.5	3,900	66.5	3,700			
155	57.5	2,400	60.0	2,900	63.0	3,500	65.0	3,600			
160	55.5	2,000	58.5	2,500	61.5	3,000	63.5	3,400			
165	54.0	1,600	56.5	2,100	59.5	2,600	62.0	2,900			
170	52.5	1,200	55.0	1,700	58.0	2,100	60.0	2,400			
175			53.5	1,300	56.0	1,700	58.0	2,000			
180					54.5	1,300	56.0	1,600			
185							54.0	1,200			
Min.Bm. Ang./Cap.	52.0		52.5		53.0		53.5				
Radius (ft)	171.6		177.5		183.3		186.2				
Maximum Boom Length At 0° Boom Angle (ft)	Not for crane operations										



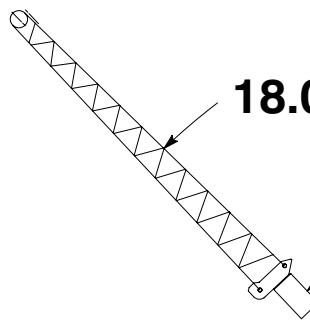
Rated Lifting Capacities In Pounds								
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
55	79.5	7,500						
60	78.5	7,500						
65	77.5	7,500						
70	76.5	7,500	79.5	7,600				
75	75.5	7,500	78.5	7,600				
80	74.5	7,500	77.5	7,600				
85	74.0	7,500	76.0	7,300	79.0	6,500		
90	72.5	7,500	75.0	7,000	78.0	6,200		
95	71.5	7,300	74.0	6,600	76.5	5,900	79.0	5,500
100	70.5	7,000	72.5	6,300	75.5	5,700	78.0	5,300
105	69.0	6,600	71.5	6,000	74.0	5,500	76.5	5,100
110	68.0	6,300	70.0	5,800	73.0	5,200	75.5	4,900
115	66.5	6,100	69.0	5,500	71.5	5,000	74.0	4,700
120	65.5	5,800	67.5	5,300	70.5	4,800	72.5	4,500
125	64.0	5,500	66.0	5,100	69.0	4,600	71.0	4,400
130	62.5	5,300	65.0	4,900	67.5	4,500	70.0	4,200
135	61.0	4,700	63.5	4,700	66.0	4,300	68.5	4,100
140	59.5	4,100	62.0	4,500	65.0	4,100	67.0	3,900
145	57.5	3,600	60.5	4,100	63.5	4,000	65.5	3,800
150	56.0	3,100	59.0	3,600	62.0	3,900	64.0	3,700
155	54.5	2,600	57.0	3,100	60.5	3,700	62.0	3,600
160	52.5	2,200	55.5	2,700	58.5	3,200	60.5	3,500
165	51.0	1,800	53.5	2,200	56.5	2,700	58.5	3,000
170	49.0	1,400	51.5	1,800	54.5	2,300	56.5	2,500
175			50.0	1,500	52.5	1,800	54.5	2,100
180					50.5	1,500	52.0	1,700
185							50.0	1,200
Min.Bm. Ang./Cap.	47.0		48.0		48.5		49.0	
Radius (ft)	175.0		180.0		185.0		186.7	
Maximum Boom Length At 0° Boom Angle (ft)	109							

Not for crane operations



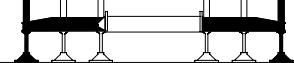
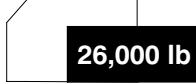
Rated Lifting Capacities In Pounds								
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
50	78.5	10,700						
55	77.5	10,700						
60	76.5	10,700	79.0	9,900				
65	75.0	10,400	77.5	9,400				
70	73.5	9,700	76.5	8,900				
75	72.5	9,200	75.0	8,400	78.5	7,500		
80	71.0	8,600	73.5	7,900	77.0	7,200		
85	69.5	8,100	72.5	7,500	75.5	6,800	78.5	6,400
90	68.0	7,700	71.0	7,100	74.0	6,500	77.0	6,100
95	67.0	7,300	69.5	6,700	72.5	6,200	75.5	5,800
100	65.5	6,900	68.0	6,400	71.5	5,900	74.0	5,500
105	64.0	6,600	66.5	6,100	69.5	5,600	72.5	5,300
110	62.5	6,200	65.0	5,800	68.0	5,400	71.0	5,100
115	61.0	5,900	63.5	5,500	66.5	5,100	69.0	4,900
120	59.5	5,700	62.0	5,300	65.0	4,900	67.5	4,700
125	57.5	5,400	60.5	5,100	63.5	4,700	66.0	4,500
130	56.0	5,200	58.5	4,800	62.0	4,500	64.0	4,300
135	54.5	4,800	57.0	4,600	60.0	4,300	62.5	4,200
140	52.5	4,200	55.5	4,400	58.5	4,200	60.5	4,000
145	50.5	3,700	53.5	4,200	56.5	4,000	58.5	3,900
150	48.5	3,200	51.5	3,600	54.5	3,900	56.5	3,800
155	46.5	2,700	49.5	3,100	52.5	3,600	54.5	3,700
160	44.5	2,300	47.0	2,700	50.5	3,100	52.0	3,300
165	42.0	1,900	45.0	2,200	48.0	2,600	49.5	2,800
170	40.0	1,500	42.5	1,800	45.5	2,200	46.5	2,300
175	37.5	1,200	40.5	1,500	43.0	1,700		
180					40.0	1,300		
Min.Bm. Ang./Cap.	37.0		38.0		31.0		38.0	
Radius (ft)	176.3		180.0		183.3		183.3	
Maximum Boom Length At 0° Boom Angle (ft)					101			

Not for crane operations



18.0 ft Fly Extension

Main Boom

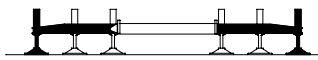
Rated Lifting Capacities In Pounds							
Load Radius (ft)		162 ft Boom		150 ft Boom		124.7 ft Boom	
		Boom Mode EM1	360°	Boom Mode EM2	360°	Boom Mode EM3	360°
25						79.0	34,500
30						77.5	34,500
35	78.0	17,000	78.0	25,200	75.5	34,500	
40	77.0	17,000	77.0	25,200	73.5	32,900	
45	75.5	17,000	75.5	25,200	71.5	30,000	
50	74.0	17,000	74.0	24,600	69.5	27,400	
55	73.0	17,000	72.0	22,600	67.0	25,100	
60	71.5	17,000	70.0	21,000	65.0	22,900	
65	70.0	17,000	68.5	19,500	62.5	21,100	
70	68.5	17,000	66.5	18,100	60.5	19,500	
75	67.0	16,000	64.5	16,900	57.5	17,100	
80	65.0	14,900	62.5	15,700	55.0	15,200	
85	63.0	13,900	60.5	14,200	52.5	13,500	
90	61.0	12,600	58.0	12,600	49.5	11,900	
95	59.0	11,200	56.0	11,200	46.5	10,500	
100	57.0	10,000	53.5	10,000	43.5	9,300	
105	55.0	8,900	51.5	9,000	40.5	8,300	
110	52.5	8,000	49.0	8,000	36.5	7,300	
115	50.5	7,100	46.5	7,100	33.0	6,400	
120	48.0	6,300	43.5	6,300	28.5	5,600	
125	45.5	5,600	41.0	5,600	23.5	4,900	
130	43.0	4,900	38.0	4,900	16.5	4,200	
135	40.5	4,300	34.5	4,300			
140	37.5	3,800	31.0	3,800			
145	34.5	3,200	27.0	3,200			
150	31.5	2,800	22.5	2,800			
155	27.5	2,300	16.0	2,300			
160	23.5	1,900					
165	18.0	1,500					
170	10.0	1,200					
Min.Bm. Ang./Cap.	0.0	1,200	0.0	2,000	0.0	3,800	
Radius (ft)	171.5		159.5		134.2		

Not for crane operations

**This Page Left Blank
Intentionally**

Not for crane operations

**Rated Lifting Capacities
In Pounds**



29,000 lb



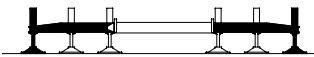
Full

Load Radius (ft)	41.4 ft			55.0 ft			70.0 ft		
	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front
9	70.5	260,000	260,000						
10	69.0	240,600	240,600	74.5	77,300	77,300	77.5	51,000	51,000
12	66.0	218,000	218,000	72.5	77,300	77,300	76.5	51,000	51,000
15	61.0	186,400	186,400	69.0	77,300	77,300	74.0	51,000	51,000
20	52.0	138,400	138,400	63.0	77,300	77,300	69.5	51,000	51,000
25	41.5	108,500	108,500	57.0	77,300	77,300	65.0	51,000	51,000
30	27.5	88,100	88,300	50.0	77,300	77,300	60.0	51,000	51,000
35				42.0	69,900	70,600	55.0	49,600	49,600
40				32.5	54,800	55,300	50.0	45,100	45,100
45				18.0	44,300	44,800	44.0	41,400	41,400
50							37.0	38,200	38,200
55							28.5	33,600	34,000
60							15.5	28,900	29,300
Min.Bm. Ang./Cap.	0.0	63,500	63,500	0.0	26,500	26,500	0.0	13,900	13,900
Radius (ft)		32.8			46.5			61.5	

Load Radius (ft)	85.0 ft			100.0 ft			115.0 ft		
	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front
15	76.5	51,200	51,200						
20	73.5	51,200	51,200	76.0	47,900	47,900			
25	70.0	51,200	51,200	73.5	47,900	47,900	76.0	48,100	48,100
30	66.5	51,200	51,200	70.5	43,600	43,600	73.5	44,400	44,400
35	62.5	46,700	46,700	67.5	39,300	39,300	71.0	40,100	40,100
40	58.5	42,300	42,300	64.0	35,600	35,600	68.5	36,500	36,500
45	54.5	38,800	38,800	61.0	32,500	32,500	65.5	33,300	33,300
50	50.0	35,700	35,700	57.5	29,800	29,800	63.0	30,600	30,600
55	45.0	33,000	33,000	54.0	27,500	27,500	60.0	28,200	28,200
60	40.0	29,800	30,100	50.0	25,500	25,500	57.0	26,200	26,200
65	33.5	26,000	26,300	46.0	23,700	23,700	53.5	24,300	24,300
70	26.0	22,900	23,200	41.5	22,100	22,100	50.5	22,700	22,700
75	14.0	20,300	20,600	36.5	20,800	20,900	47.0	20,500	20,800
80				31.0	18,500	18,800	43.0	18,300	18,600
85				24.0	16,700	16,900	39.0	16,500	16,800
90				13.0	15,100	15,300	34.0	14,900	15,100
95							29.0	13,400	13,600
100							22.5	12,100	12,300
105							12.5	11,000	11,200
Min.Bm. Ang./Cap.	0.0	11,800	11,800	0.0	9,400	9,400	0.0	7,800	7,800
Radius (ft)		76.5			91.5			106.5	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



29,000 lb



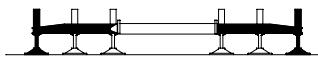
Full

Load Radius (ft)	130.0 ft			145.0 ft		
	24°	360°	Over Front	24°	360°	Over Front
25	77.5	37,100	37,100			
30	75.5	37,100	37,100	77.5	32,800	32,800
35	73.5	36,000	36,000	75.5	32,800	32,800
40	71.5	32,700	32,700	74.0	32,800	32,800
45	69.0	29,800	29,800	72.0	31,500	31,500
50	66.5	27,300	27,300	70.0	28,900	28,900
55	64.0	25,200	25,200	68.0	26,700	26,700
60	61.5	23,300	23,300	65.5	24,700	24,700
65	59.0	21,600	21,600	63.5	22,900	22,900
70	56.0	20,300	20,300	61.0	21,300	21,300
75	53.5	18,900	18,900	58.5	19,500	19,800
80	50.5	17,700	17,700	56.0	17,400	17,600
85	47.5	16,300	16,600	53.5	15,700	15,900
90	44.0	14,700	14,900	51.0	14,100	14,300
95	40.5	13,300	13,500	48.0	12,700	12,900
100	36.5	12,000	12,200	45.0	11,400	11,600
105	32.5	10,800	11,000	42.0	10,300	10,500
110	27.5	9,800	10,000	38.5	9,300	9,400
115	21.0	8,900	9,000	35.0	8,300	8,500
120	11.5	8,100	8,200	30.5	7,500	7,600
125				26.0	6,700	6,900
130				20.5	6,000	6,200
135				11.0	5,400	5,600
Min.Bm. Ang./Cap.	0.0	6,000	6,000	0.0	4,600	4,600
Radius (ft)		121.5			136.5	

Load Radius (ft)	155.0 ft			162.0 ft		
	24°	360°	Over Front	24°	360°	Over Front
35	77.0	28,900	28,900	77.0	26,100	26,100
40	75.5	28,900	28,900	76.0	26,100	26,100
45	73.5	28,900	28,900	74.5	26,100	26,100
50	72.0	27,200	27,200	72.5	26,100	26,100
55	70.0	25,100	25,100	71.0	24,100	24,100
60	68.0	23,200	23,200	69.0	22,200	22,200
65	66.0	21,500	21,500	67.0	20,700	20,700
70	63.5	20,100	20,100	65.0	19,200	19,200
75	61.5	18,700	18,700	63.0	17,900	17,900
80	59.5	17,100	17,200	61.0	16,700	16,700
85	57.0	15,300	15,600	59.0	15,100	15,300
90	54.5	13,700	13,900	56.5	13,500	13,700
95	52.0	12,300	12,500	54.0	12,100	12,300
100	49.5	11,000	11,200	51.5	10,800	11,000
105	46.5	9,900	10,100	49.0	9,700	9,900
110	43.5	8,900	9,100	46.5	8,700	8,900
115	40.5	8,000	8,200	44.0	7,800	8,000
120	37.5	7,200	7,300	41.0	7,000	7,100
125	34.0	6,400	6,600	38.0	6,200	6,400
130	30.0	5,700	5,900	34.5	5,500	5,700
135	25.5	5,100	5,200	31.0	4,900	5,000
140	20.0	4,500	4,600	26.5	4,300	4,400
145	11.0	4,000	4,100	21.5	3,800	3,900
150				15.0	3,300	3,400
Min.Bm. Ang./Cap.	0.0	3,900	4,000	0.0	3,000	3,100
Radius (ft)		146.5			153.5	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



Full

29,000 lb

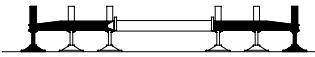


Load Radius (ft)	41.4 ft			55.0 ft			70.0 ft		
	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front
9	70.5	260,000	260,000						
10	69.0	240,600	240,600	74.5	77,300	77,300	78.0	67,800	67,800
12	66.0	218,000	218,000	72.5	77,300	77,300	76.5	67,800	67,800
15	61.0	186,400	186,400	69.0	77,300	77,300	74.0	67,800	67,800
20	52.0	138,400	138,400	63.0	77,300	77,300	69.5	67,800	67,800
25	41.5	108,500	108,500	57.0	77,300	77,300	65.0	66,900	66,900
30	27.5	88,100	88,300	50.0	77,300	77,300	60.5	59,800	59,800
35				42.0	69,900	70,600	55.5	54,000	54,000
40				32.5	54,800	55,300	50.0	49,300	49,300
45				18.0	44,300	44,800	44.0	45,300	45,300
50							37.0	39,200	39,700
55							28.5	33,400	33,800
60							15.5	28,800	29,100
Min.Bm. Ang./Cap.	0.0	63,500	63,500	0.0	26,500	26,500	0.0	15,300	15,300
Radius (ft)		32.8			46.5			61.5	

Load Radius (ft)	85.0 ft			100.0 ft			115.0 ft		
	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front
15	77.0	68,100	68,100						
20	74.0	66,100	66,100	76.5	60,000	60,000			
25	70.0	58,200	58,200	73.5	53,400	53,400	76.5	49,300	49,300
30	66.5	51,700	51,700	70.5	47,700	47,700	73.5	44,100	44,100
35	62.5	46,400	46,400	67.5	43,100	43,100	71.0	39,800	39,800
40	58.5	42,100	42,100	64.5	39,300	39,300	68.5	36,100	36,100
45	54.5	38,600	38,600	61.0	36,000	36,000	65.5	33,000	33,000
50	50.0	35,500	35,500	57.5	33,100	33,100	63.0	30,300	30,300
55	45.0	32,800	32,800	54.0	30,600	30,600	60.0	27,900	27,900
60	40.0	29,600	30,000	50.5	28,500	28,500	57.0	25,900	25,900
65	33.5	25,800	26,100	46.0	26,100	26,400	54.0	24,000	24,000
70	26.0	22,700	23,000	41.5	23,000	23,300	50.5	22,400	22,400
75	14.0	20,200	20,400	36.5	20,400	20,700	47.0	20,200	20,400
80				31.0	18,200	18,400	43.0	18,000	18,200
85				24.0	16,400	16,600	39.0	16,200	16,500
90				13.0	14,700	14,900	34.5	14,600	14,800
95							29.0	13,100	13,300
100							22.5	11,800	12,000
105							12.5	10,700	10,900
Min.Bm. Ang./Cap.	0.0	12,900	12,900	0.0	10,600	10,600	0.0	8,800	8,800
Radius (ft)		76.5			91.5			106.5	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



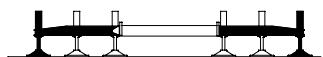
29,000 lb



Full

Load Radius (ft)	130.0 ft			140.0 ft			150.0 ft		
	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front
25	78.0	45,100	45,100						
30	76.0	43,200	43,200	77.5	37,200	37,200	78.0	31,900	31,900
35	74.0	39,100	39,100	75.5	37,200	37,200	76.5	31,900	31,900
40	71.5	35,700	35,700	73.5	34,900	34,900	75.0	31,900	31,900
45	69.5	32,700	32,700	71.5	32,000	32,000	73.0	30,000	30,000
50	67.0	30,100	30,100	69.5	29,400	29,400	71.0	27,500	27,500
55	64.5	27,800	27,800	67.0	27,100	27,100	69.0	25,300	25,300
60	62.0	25,800	25,800	64.5	25,000	25,000	67.0	23,400	23,400
65	59.5	24,000	24,000	62.5	23,200	23,200	65.0	21,700	21,700
70	56.5	22,200	22,500	60.0	21,600	21,600	62.5	20,200	20,200
75	53.5	19,600	19,900	57.5	19,200	19,500	60.5	18,700	18,700
80	50.5	17,500	17,700	54.5	17,200	17,300	58.0	16,900	17,100
85	47.5	15,800	16,000	52.0	15,400	15,600	55.5	15,000	15,200
90	44.0	14,200	14,400	49.0	13,800	14,000	53.0	13,400	13,600
95	40.5	12,700	12,900	46.0	12,300	12,500	50.0	12,000	12,200
100	36.5	11,400	11,600	42.5	11,100	11,300	47.5	10,700	10,900
105	32.5	10,300	10,500	39.5	9,900	10,100	44.5	9,600	9,800
110	27.5	9,300	9,400	35.5	8,900	9,100	41.5	8,600	8,800
115	21.5	8,300	8,500	31.5	8,000	8,100	38.0	7,700	7,800
120	11.5	7,500	7,700	26.5	7,200	7,300	34.5	6,800	7,000
125				20.5	6,400	6,500	30.5	6,100	6,200
130				11.5	5,700	5,900	26.0	5,400	5,500
135							20.0	4,800	4,900
140							11.5	4,200	4,300
Min.Bm. Ang./Cap.	0.0	6,900	6,900	0.0	5,600	5,700	0.0	4,100	4,200
Radius (ft)	121.5			131.5			141.5		

Not for crane operations

**Rated Lifting Capacities
In Pounds**

29,000 lb

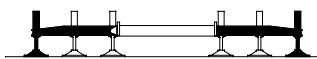
Full

Load Radius (ft)	41.4 ft			55.0 ft			70.0 ft			85.0 ft		
	27°	360°	Over Front	27°	360°	Over Front	27°	360°	Over Front	27°	360°	Over Front
9	70.5	260,000	260,000									
10	69.0	240,600	240,600	74.5	73,800	73,800	78.0	68,700	68,700			
12	66.0	218,000	218,000	72.5	73,800	73,800	76.5	68,700	68,700			
15	61.0	186,400	186,400	69.0	73,800	73,800	74.0	68,700	68,700	77.0	69,100	69,100
20	52.0	138,400	138,400	63.0	73,800	73,800	70.0	68,700	68,700	74.0	69,100	69,100
25	41.5	108,500	108,500	57.0	73,800	73,800	65.5	68,700	68,700	70.5	69,100	69,100
30	27.5	88,100	88,300	50.0	73,800	73,800	60.5	68,700	68,700	66.5	69,100	69,100
35				42.0	69,800	70,600	55.5	68,700	68,700	63.0	65,300	65,300
40				32.5	54,700	55,300	50.0	56,200	56,800	58.5	56,100	56,700
45				18.0	44,300	44,800	44.0	46,000	46,500	54.5	45,900	46,400
50							37.0	38,300	38,800	50.0	38,300	38,800
55							28.5	32,500	32,900	45.0	32,700	33,100
60							15.5	27,900	28,200	39.5	28,100	28,400
65										33.5	24,400	24,700
70										25.5	21,300	21,600
75										14.0	18,700	19,000
Min.Bm. Ang./Cap.	0.0	63,500	63,500	0.0	26,900	26,900	0.0	21,900	21,900	0.0	17,900	17,900
Radius (ft)	32.8			46.5			61.5			76.5		

Load Radius (ft)	100.0 ft			115.0 ft			124.7 ft		
	27°	360°	Over Front	27°	360°	Over Front	27°	360°	Over Front
20	76.5	61,000	61,000						
25	73.5	59,400	59,400	76.5	55,300	55,300	78.0	51,000	51,000
30	70.5	52,800	52,800	74.0	49,400	49,400	75.5	45,400	45,400
35	67.5	47,500	47,500	71.5	44,400	44,400	73.5	40,600	40,600
40	64.5	43,000	43,000	68.5	40,200	40,200	71.0	36,500	36,500
45	61.0	39,400	39,400	66.0	36,700	36,700	68.5	32,900	32,900
50	57.5	36,200	36,200	63.0	33,600	33,600	66.0	29,900	29,900
55	54.0	32,400	32,800	60.5	30,900	30,900	63.0	27,200	27,200
60	50.0	27,900	28,200	57.0	27,200	27,500	60.5	24,900	24,900
65	46.0	24,200	24,500	54.0	23,600	23,900	57.5	22,900	22,900
70	41.5	21,200	21,500	50.5	20,600	20,800	54.5	20,200	20,500
75	36.5	18,600	18,900	47.0	18,100	18,300	51.5	17,700	18,000
80	30.5	16,500	16,800	43.0	16,000	16,300	48.5	15,700	16,000
85	23.5	14,600	14,900	39.0	14,200	14,400	45.0	13,900	14,100
90	13.0	13,000	13,200	34.5	12,500	12,700	41.0	12,300	12,500
95				29.0	11,100	11,300	37.0	10,800	11,000
100				22.5	9,800	10,000	33.0	9,600	9,800
105				12.5	8,700	8,900	27.5	8,400	8,600
110							21.5	7,400	7,600
115							11.0	6,500	6,700
Min.Bm. Ang./Cap.	0.0	12,600	12,800	0.0	8,400	8,600	0.0	6,400	6,500
Radius (ft)	91.5			106.5			116.2		

Not for crane operations

**Rated Lifting Capacities
In Pounds**



29,000 lb

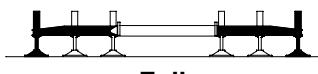


Load Radius (ft)	41.4 ft			55.0 ft			70.0 ft		
	27°	360°	Over Front	27°	360°	Over Front	27°	360°	Over Front
9	70.5	260,000	260,000						
10	69.0	240,600	240,600	74.5	73,800	73,800	78.0	68,700	68,700
12	66.0	218,000	218,000	72.5	73,800	73,800	76.5	68,700	68,700
15	61.0	186,400	186,400	69.0	73,800	73,800	74.0	68,700	68,700
20	52.0	138,400	138,400	63.0	73,800	73,800	70.0	68,700	68,700
25	41.5	108,500	108,500	57.0	73,800	73,800	65.5	68,700	68,700
30	27.5	88,100	88,300	50.0	73,800	73,800	60.5	68,700	68,700
35				42.0	69,800	70,600	55.5	68,700	68,700
40				32.5	54,700	55,300	50.0	56,200	56,800
45				18.0	44,300	44,800	44.0	46,000	46,500
50							37.0	38,300	38,800
55							28.5	32,500	32,900
60							15.5	27,900	28,200
Min.Bm. Ang./Cap.	0.0	63,500	63,500	0.0	26,900	26,900	0.0	21,900	21,900
Radius (ft)	32.8			46.5			61.5		

Load Radius (ft)	85.0 ft			100.0 ft			112.0 ft		
	27°	360°	Over Front	27°	360°	Over Front	27°	360°	Over Front
15	77.0	64,900	64,900						
20	74.0	64,900	64,900	76.5	65,200	65,200	78.5	56,400	56,400
25	70.5	64,900	64,900	74.0	65,200	65,200	76.0	55,500	55,500
30	66.5	64,900	64,900	71.0	63,900	63,900	73.5	48,900	48,900
35	63.0	64,900	64,900	68.0	57,100	57,100	70.5	43,400	43,400
40	58.5	56,000	56,600	64.5	51,300	51,300	68.0	39,000	39,000
45	54.5	45,800	46,300	61.5	44,900	45,400	65.0	35,200	35,200
50	50.0	38,200	38,700	57.5	37,400	37,800	62.0	31,900	31,900
55	45.0	32,600	33,000	54.0	31,800	32,100	59.0	29,100	29,100
60	39.5	28,000	28,400	50.0	27,300	27,600	56.0	26,600	26,600
65	33.5	24,300	24,600	46.0	23,600	23,900	52.5	23,100	23,400
70	25.5	21,200	21,500	41.5	20,600	20,900	49.0	20,100	20,400
75	14.0	18,700	18,900	36.5	18,000	18,300	45.0	17,600	17,900
80				31.0	16,000	16,200	41.0	15,600	15,900
85				24.0	14,100	14,300	36.5	13,700	14,000
90				13.0	12,400	12,600	31.5	12,100	12,300
95							25.5	10,700	10,900
100							17.5	9,400	9,600
Min.Bm. Ang./Cap.	0.0	17,900	17,900	0.0	12,000	12,200	0.0	8,600	8,800
Radius (ft)	76.5			91.5			103.5		

Not for crane operations

**Rated Lifting Capacities
In Pounds**



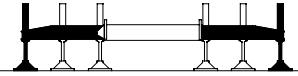
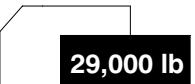
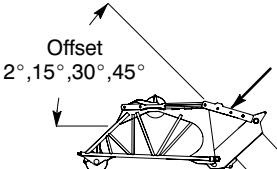
29,000 lb



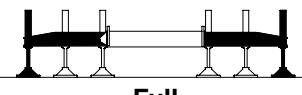
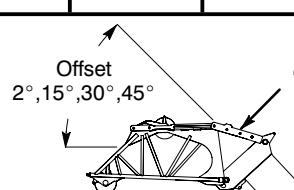
Load Radius (ft)	41.4 ft			55.5 ft		
	24°	360°	Over Front	24°	360°	Over Front
9	70.5	260,000	260,000			
10	69.0	240,600	240,600	74.5	157,000	157,000
12	66.0	218,000	218,000	72.5	157,000	157,000
15	61.0	186,400	186,400	69.5	157,000	157,000
20	52.0	138,400	138,400	63.5	140,900	140,900
25	41.5	108,500	108,500	57.5	111,200	111,200
30	27.5	88,100	88,300	50.5	91,000	91,000
35				42.5	68,700	69,400
40				33.5	53,600	54,200
45				20.0	43,200	43,700
Min.Bm. Ang./Cap.	0.0	63,500	63,500	0.0	40,000	40,400
Radius (ft)		32.8			47.0	

Load Radius (ft)	70.4 ft			86.2 ft		
	24°	360°	Over Front	24°	360°	Over Front
10	78.5	151,100	151,100			
12	77.0	150,200	150,200			
15	74.5	135,800	135,800	78.0	105,500	105,500
20	70.0	116,900	116,900	74.5	89,800	89,800
25	65.5	102,400	102,400	71.0	77,900	77,900
30	61.0	90,900	90,900	67.0	68,500	68,500
35	55.5	69,200	69,800	63.5	61,000	61,000
40	50.0	54,200	54,800	59.5	53,400	54,000
45	44.0	44,100	44,600	55.0	43,300	43,800
50	37.5	36,500	37,000	50.5	35,900	36,300
55	29.0	30,800	31,200	46.0	30,300	30,700
60	17.0	26,200	26,600	40.5	25,900	26,200
65				35.0	22,200	22,500
70				27.5	19,100	19,400
75				17.5	16,600	16,900
Min.Bm. Ang./Cap.	0.0	24,800	25,100	0.0	15,500	15,700
Radius (ft)		61.9			77.7	

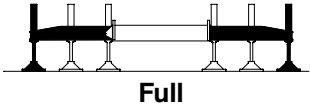
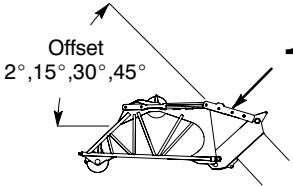
Not for crane operations

Rated Lifting Capacities In Pounds											Full		29,000 lb							
Boom Length (ft)	41.4	55.0	70.0	85.0	100.0	115.0	130.0	145.0	155.0	162.0										
Load Radius (ft)												10.0 ft Offset Fly								
10	51,800	51,800																		
12	47,300	51,800	48,600																	
15	46,400	46,800	48,600	48,600																
20	45,200	45,700	45,200	44,000	45,100															
25	44,600	44,800	44,500	43,400	41,200	38,300	28,900													
30	44,600	44,400	43,900	43,000	39,200	38,300	28,900	25,600	22,400											
35	44,600	44,300	41,300	41,300	35,200	36,400	28,900	25,600	22,400											
40	44,600	44,300	37,400	37,400	32,200	33,200	28,900	25,600	22,400	20,000										
45		44,300	34,400	34,400	29,300	30,300	27,300	25,600	22,400	20,000										
50		38,700	31,600	31,600	26,800	27,800	24,900	25,600	22,400	20,000										
55			33,000	29,300	29,100	24,700	25,600	22,900	24,200	22,400	20,000									
60				27,200	27,000	22,900	23,700	21,100	22,500	21,200	20,000									
65				25,500	25,100	21,200	22,000	19,500	20,900	19,600	18,700									
70				23,000	23,100	19,800	20,400	18,100	19,400	18,100	17,000									
75					20,600	18,500	19,100	17,100	18,100	17,100	16,300									
80					18,400	17,300	17,900	15,900	17,100	15,900	15,100									
85					16,600	16,400	16,300	14,900	15,300	14,800	14,100									
90						15,000	14,600	13,900	13,700	13,300	13,000									
95						13,600	13,200	12,900	12,200	11,800	11,600									
100						12,300	11,900	11,600	11,000	10,600	10,300									
105							10,800	10,500	9,800	9,400	9,200									
110							9,800	9,500	8,800	8,400	8,200									
115							8,900	8,600	7,900	7,500	7,300									
120								7,700	7,100	6,700	6,500									
125								7,000	6,300	6,000	5,700									
130								6,300	5,700	5,300	5,000									
135									5,000	4,700	4,400									
140									4,400	4,100	3,800									
145									3,900	3,600	3,300									
150										3,000	2,800									
155										2,600	2,400									
160											1,900									
Min.Bm. Ang./Cap.	0	34,200	0	18,300	0	10,600	0	9,000	0	7,300	0	6,000	0	4,600	0	3,400	0	2,600	0	1,800
Radius (ft)	42.8	56.5	71.5	86.5	101.5	116.5	131.5	146.5	156.5	163.5										

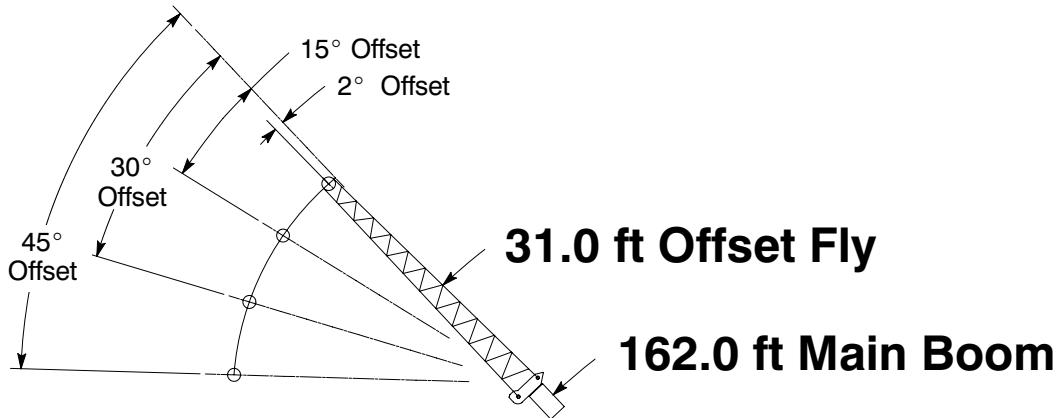
Not for crane operations

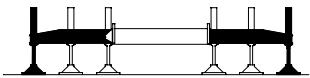
Rated Lifting Capacities In Pounds									
 29,000 lb  									
Boom Length (ft)	41.4	55.0	70.0	85.0	100.0	115.0	130.0	140.0	150.0
Load Radius (ft)	 10.0 ft Offset Fly								
10	51,800	51,800							
12	47,300	51,800	51,800						
15	46,400	46,800	51,500	51,800					
20	45,200	45,700	45,400	44,400	48,000				
25	44,600	44,800	44,700	43,700	42,400	41,600	36,300		
30	44,600	44,400	44,100	43,200	41,800	40,000	36,300	29,900	25,400
35	44,600	44,300	43,600	40,800	37,800	36,100	34,100	29,900	25,400
40	44,600	44,300	44,300	39,700	37,000	34,500	33,000	32,200	29,900
45		44,300	36,400	34,100	31,700	30,100	29,500	29,500	25,400
50		38,700	33,800	31,300	29,200	27,600	27,100	27,100	25,400
55		33,000	31,400	28,900	27,000	25,400	25,100	24,900	23,300
60			29,300	26,800	25,100	23,500	23,200	23,000	21,500
65			25,900	25,000	23,400	21,700	21,600	21,300	19,800
70			22,800	23,000	21,900	20,200	20,100	19,700	18,400
75				20,400	20,300	18,900	18,800	18,400	17,200
80				18,300	18,100	17,600	17,100	16,900	16,000
85				16,400	16,400	16,000	15,400	15,000	14,600
90					14,700	14,400	13,800	13,400	13,000
95					13,300	12,900	12,400	11,900	11,600
100					12,000	11,700	11,100	10,700	10,300
105						10,500	10,000	9,600	9,200
110						9,500	9,000	8,500	8,200
115						8,600	8,100	7,600	7,300
120							7,200	6,800	6,400
125							6,500	6,100	5,700
130							5,800	5,400	5,000
135								4,800	4,400
140								4,200	3,800
145									3,300
150									2,800
Min.Bm. Ang./Cap.	0	34,200	0	18,300	0	11,500	0	9,800	0
Radius (ft)	42.8	56.5	71.5	86.5	101.5	116.5	131.5	141.5	151.5

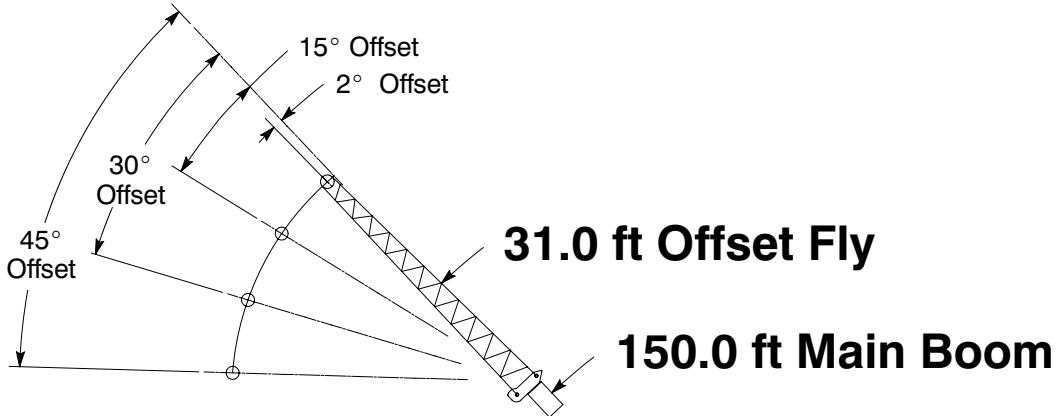
Not for crane operations

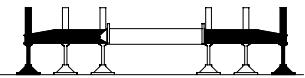
Rated Lifting Capacities In Pounds							
Boom Length (ft)	41.4	55.0	70.0	85.0	100.0	115.0	124.7
Load Radius (ft)	 <p>10.0 ft Offset Fly</p>						
10	51,800	51,800					
12	47,300	51,800	51,800				
15	46,400	46,800	51,800	51,800			
20	45,200	45,700	46,000	45,800	51,800		
25	44,600	44,900	45,100	45,000	44,300	50,700	43,400
30	44,600	44,400	44,500	44,400	43,800	42,800	41,600
35	44,600	44,300	44,100	44,000	41,300	40,100	37,300
40	44,600	44,300	44,000	43,700	37,500	36,400	34,000
45		44,300	44,000	43,500	34,500	33,400	31,000
50		38,700	39,100	38,700	31,800	30,600	28,300
55		32,900	33,400	33,000	29,400	28,200	25,700
60			28,800	28,400	27,300	26,000	23,500
65			25,100	24,800	24,300	23,500	21,500
70			22,100	21,700	21,300	20,500	19,800
75				19,200	18,700	18,000	17,600
80				17,100	16,700	16,000	15,600
85				15,200	14,800	14,100	13,700
90					13,200	12,500	12,100
95					11,800	11,100	10,700
100					10,500	9,800	9,500
105						8,700	8,300
110						7,700	7,300
115						6,800	6,500
120							5,600
125							4,900
Min.Bm. Ang./Cap.	0	34,200	0	18,500	0	15,800	0
Radius (ft)	42.8	56.5	71.5	86.5	101.5	116.5	126.2

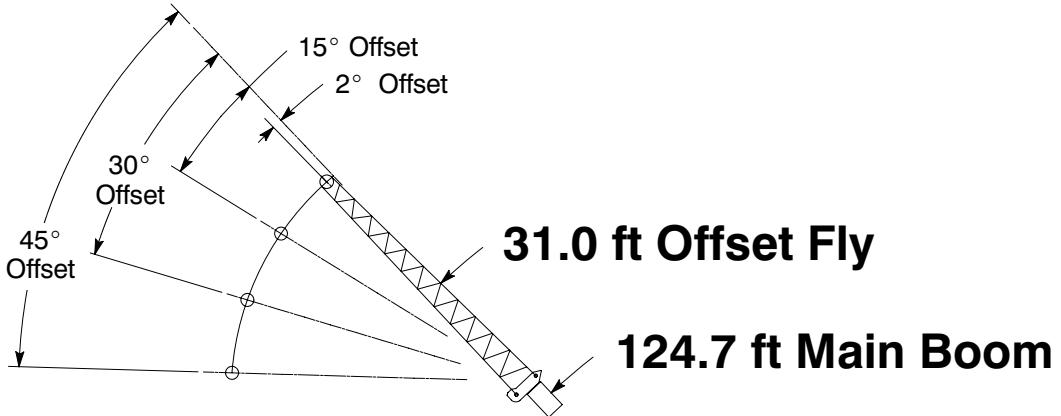
Not for crane operations



Rated Lifting Capacities In Pounds				Full				
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
35	79.0	14,600						
40	78.0	14,600						
45	77.0	14,600	79.0	14,600				
50	75.5	14,600	78.0	14,600				
55	74.5	14,600	76.5	14,600	78.5	14,300		
60	73.0	14,600	75.5	14,600	77.5	14,100	79.0	13,200
65	72.0	14,600	74.0	14,600	76.0	14,000	77.5	13,100
70	70.5	14,600	73.0	14,600	74.5	13,800	76.5	13,100
75	69.5	14,600	71.5	14,600	73.5	13,700	75.0	13,000
80	67.5	14,200	70.0	14,400	72.0	13,600	73.5	12,900
85	66.0	13,200	68.5	13,400	70.5	13,500	72.0	12,800
90	64.5	12,300	66.5	12,500	68.5	12,800	70.5	12,800
95	62.5	11,500	65.0	11,700	67.0	11,900	68.5	12,100
100	61.0	10,700	63.0	10,900	65.0	11,100	66.5	11,300
105	59.0	9,500	61.0	10,100	63.5	10,400	65.0	10,600
110	57.0	8,500	59.0	9,000	61.5	9,500	63.0	9,900
115	55.0	7,600	57.0	8,100	59.0	8,500	60.5	8,800
120	53.0	6,800	55.0	7,200	57.0	7,600	58.5	7,900
125	50.5	6,000	53.0	6,400	55.0	6,800	56.0	7,000
130	48.5	5,300	50.5	5,700	52.5	6,000	53.5	6,200
135	46.0	4,700	48.5	5,000	50.0	5,300	51.0	5,500
140	44.0	4,100	46.0	4,400	47.5	4,700	48.5	4,800
145	41.5	3,600	43.5	3,900	45.0	4,100	46.0	4,200
150	39.0	3,100	41.0	3,400	42.5	3,600		
155	36.0	2,600	38.0	2,900	39.5	3,000		
160	33.0	2,200	35.0	2,400	36.5	2,600		
165	30.0	1,800	32.0	2,000	33.0	2,100		
170	26.5	1,500	28.0	1,600				
175			24.0	1,200				
Min.Bm. Ang./Cap.	22.0		22.0		20.5		21.5	
Radius (ft)	175.0		176.6		177.5		175.0	
Maximum Boom Length At 0° Boom Angle (ft)	Not for crane operations							148

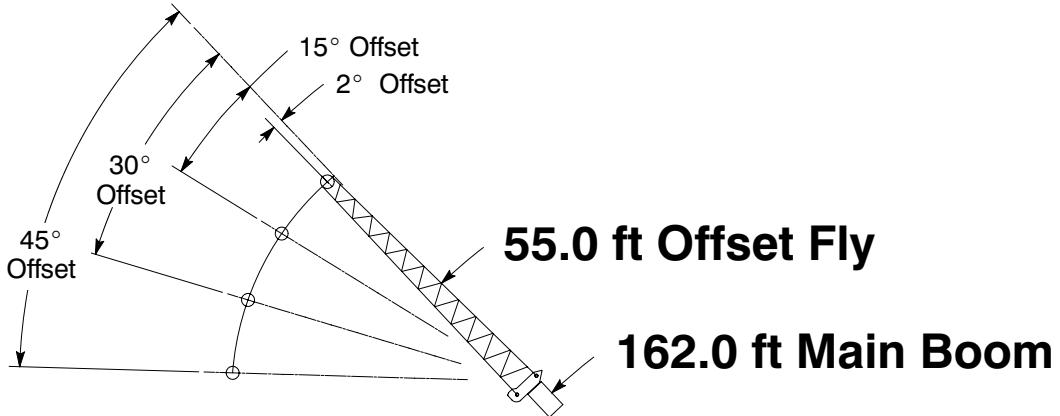


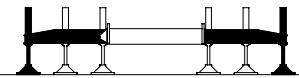
Rated Lifting Capacities In Pounds		 Full				29,000 lb		
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
35	79.0	17,600						
40	77.5	17,600						
45	76.0	17,600	78.5	17,300				
50	75.0	17,600	77.0	17,000	79.0	15,300		
55	73.5	17,600	75.5	16,700	77.5	15,000	79.5	13,900
60	72.0	17,600	74.0	16,400	76.5	14,800	78.0	13,700
65	71.0	17,600	72.5	16,200	74.5	14,600	76.5	13,600
70	69.0	17,300	71.0	15,900	73.0	14,400	75.0	13,500
75	67.5	16,100	69.5	15,700	71.5	14,300	73.5	13,400
80	65.5	15,000	68.0	15,100	70.0	14,100	71.5	13,300
85	64.0	14,000	66.0	14,100	68.5	13,900	70.0	13,200
90	62.0	13,000	64.5	13,200	66.5	13,400	68.0	13,200
95	60.0	12,000	62.5	12,400	64.5	12,600	66.5	12,800
100	58.0	10,700	60.5	11,300	62.5	11,800	64.0	12,000
105	56.0	9,600	58.0	10,100	60.5	10,600	62.0	11,000
110	53.5	8,600	56.0	9,100	58.0	9,500	59.5	9,800
115	51.5	7,700	53.5	8,100	56.0	8,500	57.0	8,800
120	49.0	6,900	51.5	7,300	53.5	7,600	54.5	7,800
125	46.5	6,100	49.0	6,500	51.0	6,800	52.0	7,000
130	44.0	5,400	46.5	5,800	48.5	6,000	49.5	6,200
135	41.5	4,800	44.0	5,100	45.5	5,300	46.5	5,500
140	39.0	4,200	41.0	4,500	43.0	4,700		
145	36.0	3,700	38.0	3,900	39.5	4,100		
150	33.0	3,200	35.0	3,400	36.5	3,500		
155	29.5	2,700	31.5	2,900	32.5	3,000		
160	25.5	2,300	27.5	2,500				
165	20.5	1,900	22.5	2,000				
170	14.0	1,600	15.5	1,600				
Min.Bm. Ang./Cap.	0.0	1,500	0.0	1,500	0.0	1,500	0.0	1,600
Radius (ft)	172.5		172.1		170.1		166.4	



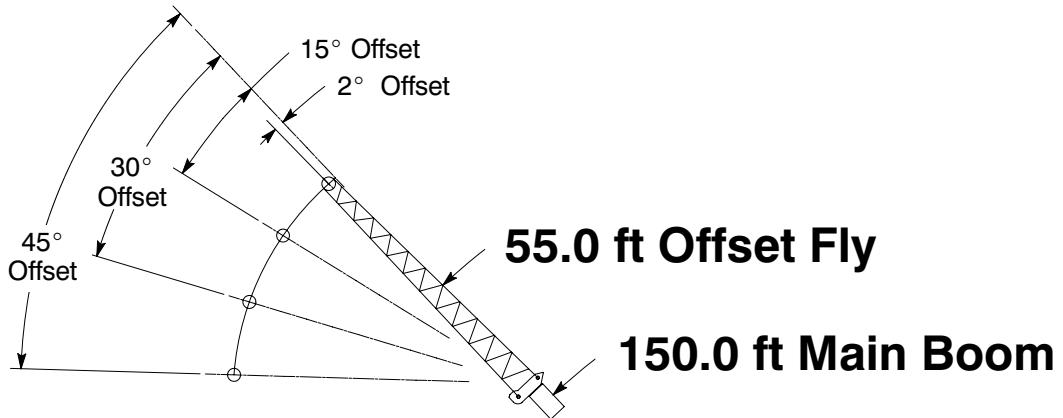
Rated Lifting Capacities In Pounds									
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset		
	°	360°	°	360°	°	360°	°	360°	
30	78.5	28,100							
35	77.0	27,000	79.0	20,400					
40	75.5	26,000	77.5	20,400					
45	73.5	24,900	75.5	19,300	78.0	16,600			
50	72.0	24,000	74.0	18,700	76.0	16,300	78.5	14,700	
55	70.0	23,100	72.0	18,200	74.5	15,900	76.5	14,500	
60	68.0	20,400	70.0	17,700	72.5	15,600	74.5	14,300	
65	66.0	19,800	68.0	17,300	70.5	15,300	72.5	14,100	
70	64.0	19,200	66.0	16,900	68.5	15,000	70.5	14,000	
75	62.0	17,800	64.0	16,500	66.5	14,800	68.5	13,800	
80	59.5	16,500	62.0	16,100	64.5	14,600	66.0	13,700	
85	57.0	14,600	60.0	15,300	62.5	14,400	64.0	13,700	
90	54.5	13,000	57.5	13,600	60.0	14,200	61.5	13,600	
95	52.0	11,500	55.0	12,100	57.5	12,700	59.0	13,100	
100	49.5	10,300	52.5	10,800	54.5	11,300	56.5	11,600	
105	47.0	9,100	49.5	9,600	52.0	10,100	53.5	10,300	
110	44.0	8,100	46.5	8,600	49.0	9,000	50.0	9,200	
115	41.0	7,200	43.5	7,600	46.0	7,900	47.0	8,100	
120	38.0	6,400	40.5	6,700	42.5	7,000			
125	34.5	5,700	37.0	6,000	38.5	6,200			
130	30.5	5,000	33.0	5,200	34.5	5,400			
135	26.5	4,400	28.5	4,600	30.0	4,700			
140	21.0	3,800	23.5	3,900					
145	13.5	3,300	15.5	3,400					
Min.Bm. Ang./Cap.	0.0	3,100	0.0	3,200	0.0	3,200	0.0	3,400	
Radius (ft)	147.2		146.9		144.9		141.4		

Not for crane operations

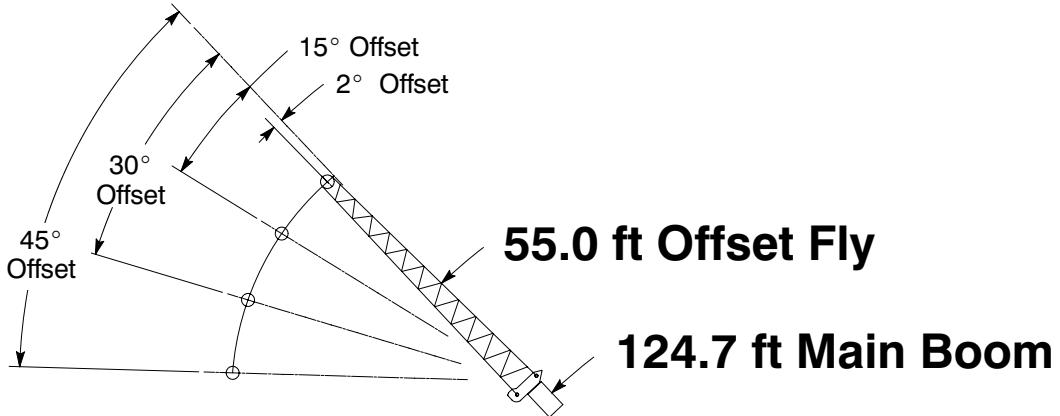


Rated Lifting Capacities In Pounds		 Full		 29,000 lb				
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
40	79.5	10,600						
45	78.5	10,600						
50	77.5	10,600						
55	76.5	10,600						
60	75.5	10,600	78.5	9,700				
65	74.5	10,600	77.5	9,500				
70	73.5	10,500	76.5	9,400	79.5	8,300		
75	72.0	10,300	75.0	9,200	78.5	8,200		
80	71.0	10,200	74.0	9,000	77.0	8,100		
85	69.5	10,000	72.5	8,900	76.0	8,000	78.5	7,300
90	68.5	9,800	71.5	8,700	74.5	7,800	77.0	7,300
95	67.0	9,600	70.0	8,600	73.5	7,700	76.0	7,200
100	66.0	9,500	69.0	8,500	72.0	7,600	74.5	7,100
105	64.5	9,200	67.5	8,300	70.5	7,600	73.0	7,100
110	63.0	8,600	66.0	8,200	69.0	7,500	71.5	7,100
115	61.5	8,000	65.0	8,100	67.5	7,400	70.0	7,000
120	60.0	7,500	63.5	7,800	66.5	7,300	68.5	7,000
125	58.0	6,700	61.5	7,300	65.0	7,300	67.0	7,000
130	56.0	6,000	60.0	6,700	63.0	7,000	65.5	6,900
135	54.5	5,300	58.0	6,000	61.5	6,600	63.5	6,800
140	52.5	4,800	56.0	5,300	59.5	5,900	61.5	6,300
145	50.5	4,200	54.0	4,800	57.0	5,300	59.5	5,600
150	48.5	3,700	52.0	4,200	55.0	4,700	57.0	5,000
155	46.5	3,200	50.0	3,700	53.0	4,100	54.5	4,400
160	44.5	2,800	48.0	3,200	50.5	3,600	52.0	3,800
165	42.5	2,400	45.5	2,800	48.5	3,100	49.5	3,300
170	40.0	2,000	43.5	2,400	46.0	2,700	47.0	2,800
175	37.5	1,700	41.0	2,000	43.0	2,200		
180	35.5	1,300	38.5	1,600	40.5	1,800		
185			35.5	1,300	37.5	1,500		
Min.Bm. Ang./Cap.	33.5		33.5		34.0		34.0	
Radius (ft)	183.3		188.3		190.0		188.7	
Maximum Boom Length At 0° Boom Angle (ft)	140							

Not for crane operations

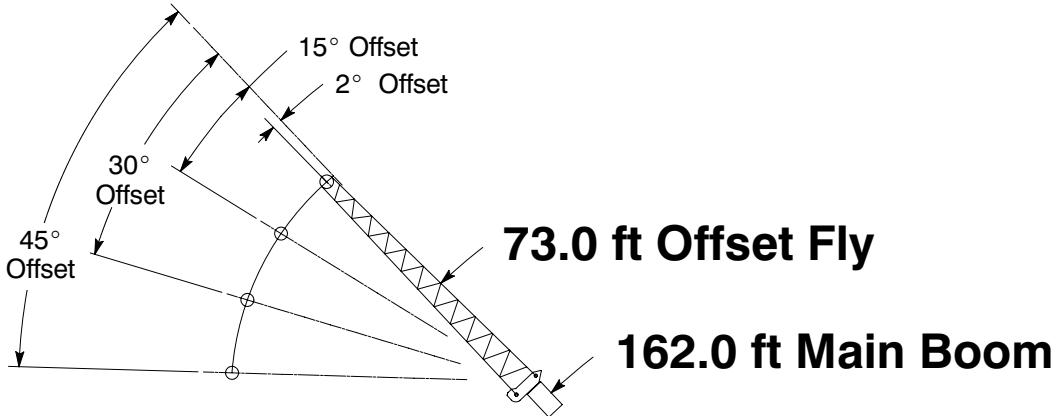


Rated Lifting Capacities In Pounds									
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset		
	°	360°	°	360°	°	360°	°	360°	
40	79.5	12,700							
45	78.0	12,500							
50	77.0	12,200							
55	76.0	12,000	79.0	10,500					
60	74.5	11,700	78.0	10,300					
65	73.5	11,500	76.5	10,000					
70	72.0	11,200	75.5	9,800	79.0	8,600			
75	71.0	11,000	74.0	9,600	77.5	8,400			
80	69.5	10,700	72.5	9,400	76.0	8,300	79.0	7,600	
85	68.0	10,500	71.5	9,200	74.5	8,200	77.5	7,500	
90	66.5	10,200	70.0	9,000	73.0	8,000	76.0	7,400	
95	65.5	10,000	68.5	8,900	71.5	7,900	74.5	7,400	
100	64.0	9,800	67.0	8,700	70.0	7,800	73.0	7,300	
105	62.5	9,600	65.5	8,500	68.5	7,700	71.5	7,200	
110	61.0	9,200	64.0	8,400	67.0	7,600	69.5	7,200	
115	59.0	8,400	62.5	8,200	65.5	7,500	68.0	7,200	
120	57.0	7,600	61.0	8,100	64.0	7,500	66.0	7,100	
125	55.0	6,800	59.0	7,500	62.0	7,400	64.5	7,100	
130	53.0	6,100	57.0	6,800	60.5	7,300	62.5	7,000	
135	51.0	5,500	55.0	6,100	58.5	6,600	60.5	7,000	
140	49.0	4,900	52.5	5,400	56.0	6,000	58.0	6,300	
145	47.0	4,400	50.5	4,900	53.5	5,300	55.5	5,600	
150	44.5	3,900	48.5	4,300	51.5	4,700	53.0	5,000	
155	42.5	3,400	46.0	3,800	49.0	4,200	50.5	4,400	
160	40.0	3,000	43.5	3,300	46.0	3,700	47.5	3,800	
165	37.5	2,600	41.0	2,900	43.5	3,200			
170	35.0	2,200	38.0	2,500	40.5	2,700			
175	32.0	1,800	35.0	2,100	37.0	2,300			
180	29.0	1,500	32.0	1,700	33.5	1,800			
185	25.0	1,200	28.0	1,400					
Min.Bm. Ang./Cap.	23.5		24.5		24.0		15.0		
Radius (ft)	186.7		188.8		188.8		181.2		
Maximum Boom Length At 0° Boom Angle (ft)	Not for crane operations ¹³⁶								



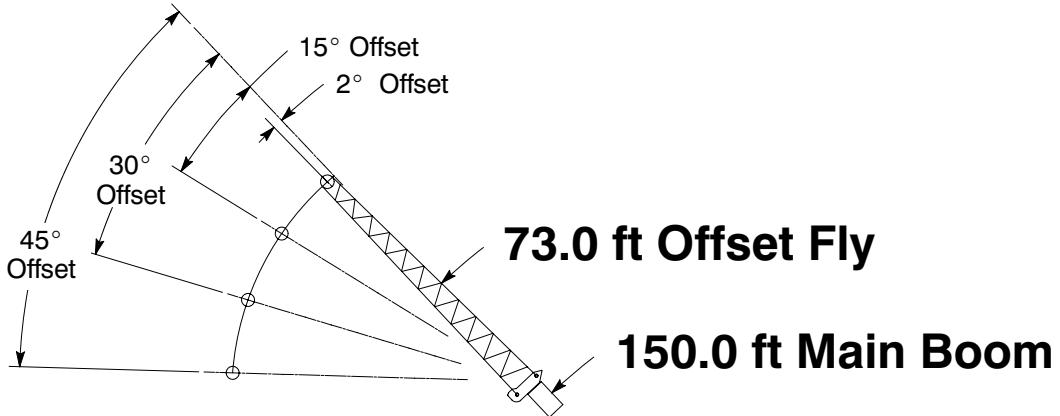
Rated Lifting Capacities In Pounds						29,000 lb			
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset		
	°	360°	°	360°	°	360°	°	360°	
35	78.5	15,300							
40	77.5	14,800							
45	76.0	14,300	79.5	12,000					
50	74.5	13,800	78.0	11,600					
55	73.0	13,300	76.5	11,200					
60	71.5	12,800	75.0	10,900	79.0	9,300			
65	69.5	12,400	73.5	10,500	77.5	9,100			
70	68.0	12,000	72.0	10,200	76.0	8,900	79.0	8,000	
75	66.5	11,600	70.0	9,900	74.0	8,700	77.5	7,800	
80	65.0	11,200	68.5	9,700	72.5	8,500	75.5	7,700	
85	63.0	10,800	67.0	9,400	70.5	8,300	74.0	7,600	
90	61.5	10,500	65.0	9,200	69.0	8,200	72.0	7,600	
95	59.5	10,200	63.0	9,000	67.0	8,000	70.0	7,500	
100	57.5	9,900	61.5	8,800	65.0	7,900	68.0	7,400	
105	55.5	9,600	59.5	8,600	63.0	7,800	66.0	7,400	
110	53.5	9,200	57.5	8,400	61.0	7,700	63.5	7,300	
115	51.5	8,300	55.5	8,200	59.0	7,600	61.5	7,300	
120	49.0	7,400	53.5	8,100	56.5	7,500	59.0	7,200	
125	47.0	6,700	51.0	7,300	54.5	7,500	56.5	7,200	
130	44.5	6,000	48.5	6,500	52.0	7,000	54.0	7,200	
135	41.5	5,300	45.5	5,800	49.0	6,300	51.0	6,500	
140	39.0	4,700	43.0	5,200	46.0	5,600	47.5	5,800	
145	36.0	4,200	40.0	4,600	42.5	4,900			
150	33.0	3,700	36.5	4,000	39.0	4,300			
155	29.5	3,200	33.0	3,500	35.0	3,700			
160	25.5	2,800	28.5	3,000	30.0	3,100			
165	20.5	2,400	23.5	2,600					
170	12.5	2,100							
Min.Bm. Ang./Cap.	0.0	2,000	0.0	2,100	0.0	2,200	0.0	2,300	
Radius (ft)	171.2		170.5		167.2		161.4		

Not for crane operations

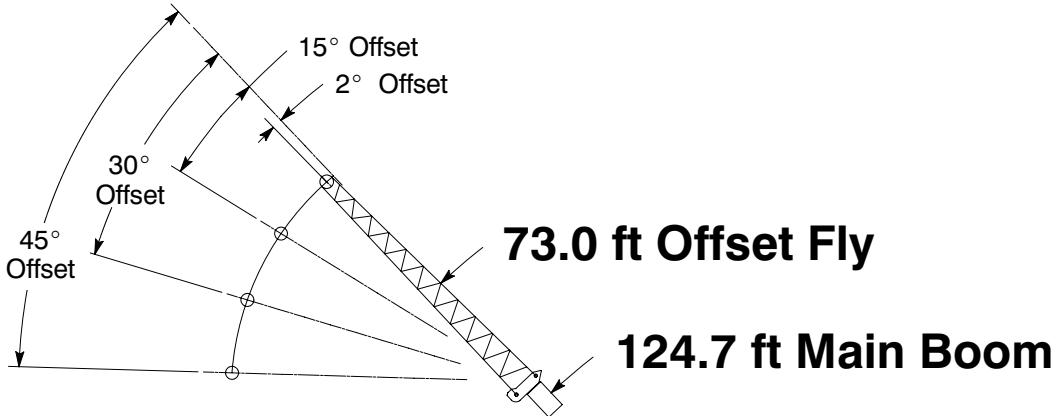


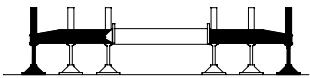
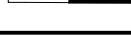
Rated Lifting Capacities In Pounds									
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset		
	°	360°	°	360°	°	360°	°	360°	
55	79.0	8,500							
60	78.0	8,500							
65	77.0	8,500							
70	76.0	8,500	79.0	8,500					
75	75.0	8,500	78.0	8,500					
80	74.0	8,500	77.0	8,500					
85	73.0	8,500	76.0	8,400	79.0	7,600			
90	72.0	8,500	74.5	8,300	77.5	7,500			
95	71.0	8,500	73.5	8,200	76.5	7,500	79.0	6,800	
100	70.0	8,500	72.5	8,100	75.5	7,400	78.0	6,600	
105	69.0	8,500	71.5	8,000	74.0	7,100	76.5	6,400	
110	67.5	8,000	70.0	7,900	73.0	6,900	75.0	6,300	
115	66.0	7,400	69.0	7,700	71.5	6,700	74.0	6,100	
120	64.5	6,900	67.5	7,100	70.0	6,500	72.5	6,000	
125	63.0	6,400	66.0	6,600	69.0	6,300	71.0	5,800	
130	61.5	5,800	64.5	6,200	67.5	6,200	69.5	5,700	
135	60.0	5,100	63.0	5,700	66.0	6,000	68.0	5,600	
140	58.0	4,500	61.0	5,100	64.5	5,600	66.5	5,500	
145	56.5	4,000	59.5	4,500	62.5	5,100	65.0	5,400	
150	54.5	3,500	57.5	4,000	61.0	4,500	63.0	4,900	
155	53.0	3,000	56.0	3,400	59.0	4,000	61.0	4,300	
160	51.0	2,500	54.0	3,000	57.0	3,500	59.0	3,800	
165	49.5	2,100	52.0	2,500	55.0	3,000	57.0	3,300	
170	47.5	1,800	50.0	2,100	53.0	2,500	55.0	2,800	
175	45.5	1,400	48.0	1,700	51.0	2,100	52.5	2,300	
180			46.5	1,400	49.0	1,700	50.0	1,900	
185					46.5	1,300	48.0	1,500	
Min.Bm. Ang./Cap.	43.5		44.5		45.0		45.5		
Radius (ft)	180.0		183.7		188.3		190.0		
Maximum Boom Length At 0° Boom Angle (ft)	127								

Not for crane operations

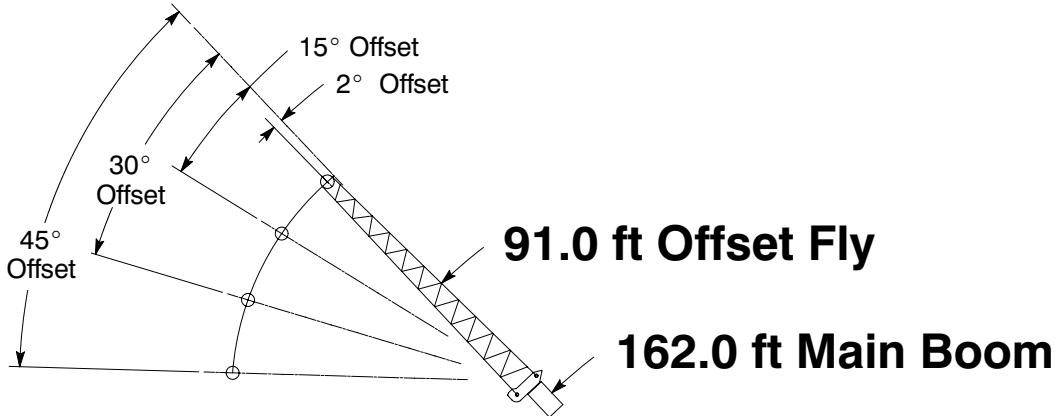


Rated Lifting Capacities In Pounds							
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset
	°	360°	°	360°	°	360°	°
50	79.5	10,100					
55	78.5	10,100					
60	77.0	10,100					
65	76.0	10,100	79.0	9,400			
70	75.0	10,100	77.5	9,300			
75	74.0	10,000	76.5	9,100			
80	73.0	9,800	75.5	9,000	78.5	8,100	
85	71.5	9,700	74.0	8,900	77.5	7,900	
90	70.5	9,600	73.0	8,700	76.0	7,800	79.0
95	69.5	9,400	72.0	8,600	75.0	7,700	77.5
100	68.0	9,300	70.5	8,500	73.5	7,400	76.0
105	67.0	9,100	69.0	8,200	72.0	7,200	74.5
110	65.5	8,600	68.0	7,900	70.5	6,900	73.0
115	64.0	8,000	66.5	7,700	69.5	6,700	71.5
120	62.0	7,500	65.0	7,400	68.0	6,500	70.0
125	60.5	6,800	63.5	7,200	66.5	6,400	68.5
130	58.5	6,100	62.0	6,700	64.5	6,200	67.0
135	57.0	5,500	60.0	6,000	63.0	6,000	65.5
140	55.0	4,900	58.0	5,400	61.5	5,900	63.5
145	53.5	4,300	56.5	4,800	59.5	5,300	62.0
150	51.5	3,800	54.5	4,200	57.5	4,800	60.0
155	49.5	3,300	52.5	3,700	55.5	4,200	57.5
160	47.5	2,900	50.5	3,300	53.5	3,700	55.5
165	45.5	2,500	48.5	2,800	51.0	3,200	53.0
170	43.5	2,100	46.0	2,400	49.0	2,800	50.5
175	41.0	1,700	44.0	2,000	46.5	2,300	48.0
180	39.0	1,400	41.5	1,700	44.0	1,900	45.0
185			39.0	1,300	41.5	1,600	
190					38.5	1,200	
Min.Bm. Ang./Cap.	36.5		37.5		38.0		37.5
Radius (ft)	185.0		188.3		191.3		191.3
Maximum Boom Length At 0° Boom Angle (ft)	Not for crane operations						



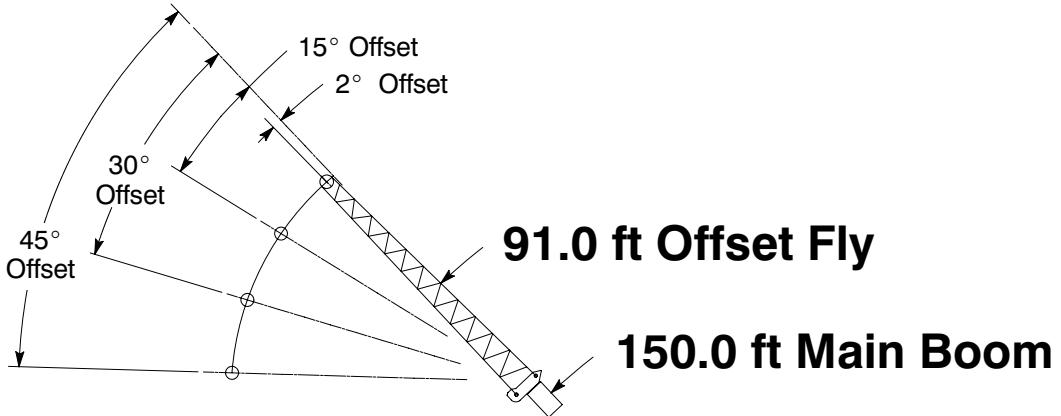
Rated Lifting Capacities In Pounds								EM 3
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
40	79.5	13,200						
45	78.0	12,900						
50	77.0	12,600						
55	75.5	12,300	78.5	10,900				
60	74.5	12,000	77.0	10,600				
65	73.0	11,700	76.0	10,400	79.5	9,000		
70	71.5	11,400	74.5	10,100	78.0	8,800		
75	70.0	11,200	73.0	9,900	76.5	8,600		
80	68.5	10,900	71.5	9,700	75.0	8,500	78.0	7,700
85	67.0	10,600	70.0	9,500	73.5	8,300	76.5	7,500
90	65.5	10,300	68.5	9,200	72.0	8,000	75.0	7,300
95	64.0	9,900	67.0	8,800	70.5	7,700	73.5	7,100
100	62.5	9,400	65.5	8,400	68.5	7,400	71.5	6,800
105	61.0	9,000	63.5	8,100	67.0	7,200	70.0	6,600
110	59.0	8,600	62.0	7,800	65.5	7,000	68.0	6,500
115	57.5	8,300	60.0	7,500	63.5	6,700	66.0	6,300
120	55.5	7,400	58.5	7,200	61.5	6,500	64.0	6,100
125	53.5	6,600	56.5	7,000	59.5	6,300	62.0	6,000
130	51.5	5,900	54.5	6,500	58.0	6,200	60.0	5,800
135	49.0	5,300	52.5	5,800	55.5	6,000	58.0	5,700
140	47.0	4,700	50.0	5,100	53.5	5,700	55.5	5,600
145	44.5	4,100	47.5	4,600	51.0	5,000	53.0	5,300
150	42.0	3,600	45.5	4,000	48.5	4,400	50.5	4,700
155	39.5	3,100	43.0	3,500	46.0	3,900	47.0	4,000
160	37.0	2,700	40.0	3,000	43.0	3,300		
165	34.5	2,300	37.0	2,600	40.0	2,800		
170	31.0	1,900	34.0	2,200	36.5	2,400		
175	28.0	1,600	30.5	1,800	32.5	1,900		
180	24.0	1,200	26.5	1,400				
Min.Bm. Ang./Cap.	22.0		22.0		15.0		11.5	
Radius (ft)	181.7		183.8		182.1		175.6	
Maximum Boom Length At 0° Boom Angle (ft)	113							

Not for crane operations



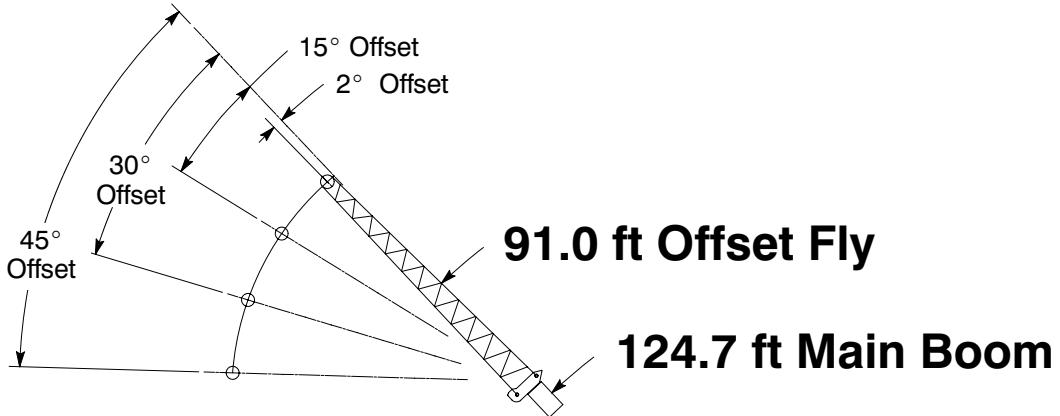
Rated Lifting Capacities In Pounds								
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
60	79.5	6,500						
65	78.5	6,500						
70	77.5	6,500						
75	76.5	6,500	79.0	6,500				
80	76.0	6,500	78.5	6,500				
85	75.0	6,500	77.5	6,500				
90	74.0	6,500	76.5	6,500	79.5	6,100		
95	73.0	6,500	75.5	6,500	78.0	5,900		
100	72.0	6,500	74.5	6,300	77.0	5,600	79.5	5,200
105	71.0	6,500	73.5	6,000	76.0	5,400	78.0	5,000
110	70.0	6,400	72.0	5,800	75.0	5,200	77.0	4,800
115	69.0	6,100	71.0	5,500	73.5	5,000	76.0	4,600
120	67.5	5,800	70.0	5,300	72.5	4,800	74.5	4,500
125	66.5	5,500	68.5	5,100	71.0	4,600	73.5	4,300
130	65.0	5,100	67.5	4,900	70.0	4,400	72.0	4,200
135	63.5	4,700	66.0	4,700	68.5	4,300	70.5	4,000
140	62.5	4,300	65.0	4,500	67.5	4,100	69.5	3,900
145	61.0	3,900	63.5	4,200	66.0	4,000	68.0	3,800
150	59.0	3,400	62.0	3,900	64.5	3,900	66.5	3,700
155	57.5	2,900	60.5	3,400	63.5	3,700	65.0	3,600
160	56.0	2,400	58.5	2,900	62.0	3,500	63.5	3,500
165	54.5	2,000	57.0	2,500	60.0	3,000	62.0	3,300
170	52.5	1,600	55.5	2,100	58.5	2,500	60.5	2,800
175	51.0	1,300	53.5	1,700	56.5	2,100	58.5	2,400
180			52.0	1,300	54.5	1,700	56.5	1,900
185					53.0	1,300	54.5	1,500
Min.Bm. Ang./Cap.	50.5		50.5		51.5		52.5	
Radius (ft)	177.5		183.3		188.3		190.0	
Maximum Boom Length At 0° Boom Angle (ft)					114			

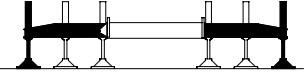
Not for crane operations



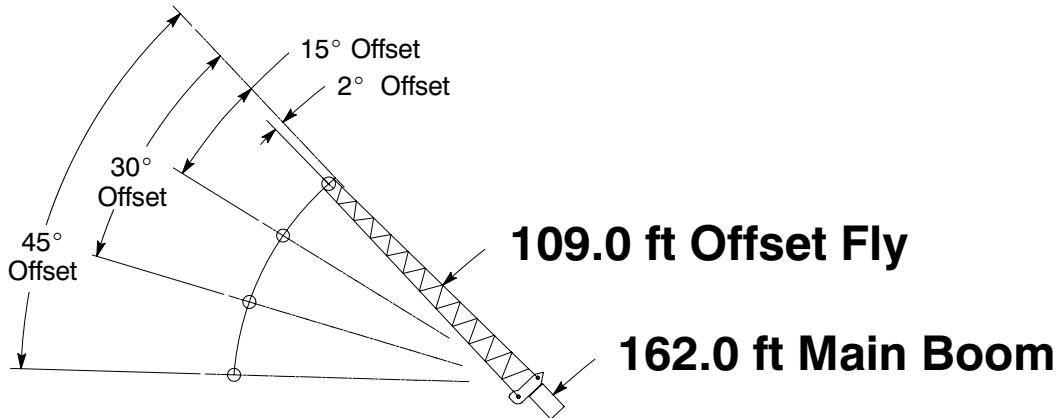
Rated Lifting Capacities In Pounds			Full		29,000 lb			
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
55	79.5	7,500						
60	78.5	7,500						
65	77.5	7,500						
70	76.5	7,500	79.5	7,500				
75	75.5	7,500	78.5	7,500				
80	74.5	7,500	77.5	7,500				
85	74.0	7,500	76.0	7,300	79.0	6,500		
90	72.5	7,500	75.0	7,000	78.0	6,200		
95	71.5	7,300	74.0	6,600	76.5	5,900	79.0	5,500
100	70.5	7,000	72.5	6,300	75.5	5,700	78.0	5,300
105	69.0	6,600	71.5	6,000	74.0	5,500	76.5	5,100
110	68.0	6,300	70.0	5,800	73.0	5,200	75.5	4,900
115	66.5	6,100	69.0	5,500	71.5	5,000	74.0	4,700
120	65.5	5,800	67.5	5,300	70.5	4,800	72.5	4,500
125	64.0	5,500	66.0	5,100	69.0	4,600	71.0	4,400
130	62.5	5,300	65.0	4,900	67.5	4,500	70.0	4,200
135	61.0	5,100	63.5	4,700	66.0	4,300	68.5	4,100
140	59.5	4,800	62.0	4,500	65.0	4,100	67.0	3,900
145	58.0	4,200	60.5	4,400	63.5	4,000	65.5	3,800
150	56.5	3,700	59.0	4,200	62.0	3,900	64.0	3,700
155	54.5	3,200	57.5	3,700	60.5	3,700	62.0	3,600
160	53.0	2,800	55.5	3,200	58.5	3,600	60.5	3,500
165	51.0	2,400	54.0	2,800	57.0	3,200	59.0	3,400
170	49.5	2,000	52.0	2,400	55.0	2,800	57.0	3,100
175	47.5	1,600	50.0	2,000	53.0	2,400	54.5	2,600
180	45.5	1,300	48.0	1,600	51.0	2,000	52.5	2,200
185			46.5	1,300	49.0	1,600	50.0	1,700
190					46.5	1,200	48.0	1,300
Min.Bm. Ang./Cap.	44.0		45.0		46.0		46.5	
Radius (ft)	183.3		187.5		191.7		193.3	
Maximum Boom Length At 0° Boom Angle (ft)	114							

Not for crane operations

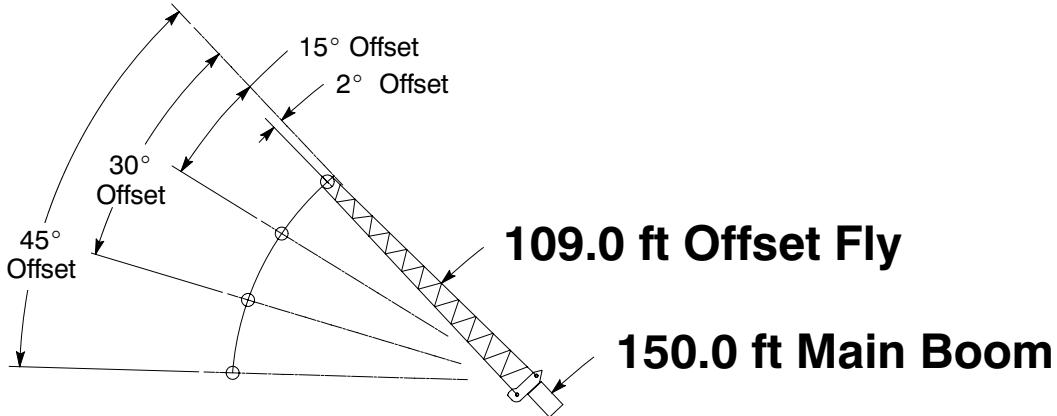


Rated Lifting Capacities In Pounds						29,000 lb		
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
50	78.5	10,700						
55	77.5	10,700						
60	76.5	10,700	79.0	9,900				
65	75.0	10,400	77.5	9,400				
70	73.5	9,700	76.5	8,900				
75	72.5	9,200	75.0	8,400	78.5	7,500		
80	71.0	8,600	73.5	7,900	77.0	7,200		
85	69.5	8,100	72.5	7,500	75.5	6,800	78.5	6,400
90	68.0	7,700	71.0	7,100	74.0	6,500	77.0	6,100
95	67.0	7,300	69.5	6,700	72.5	6,200	75.5	5,800
100	65.5	6,900	68.0	6,400	71.5	5,900	74.0	5,500
105	64.0	6,600	66.5	6,100	69.5	5,600	72.5	5,300
110	62.5	6,200	65.0	5,800	68.0	5,400	71.0	5,100
115	61.0	5,900	63.5	5,500	66.5	5,100	69.0	4,900
120	59.5	5,700	62.0	5,300	65.0	4,900	67.5	4,700
125	57.5	5,400	60.5	5,100	63.5	4,700	66.0	4,500
130	56.0	5,200	58.5	4,800	62.0	4,500	64.0	4,300
135	54.5	4,900	57.0	4,600	60.0	4,300	62.5	4,200
140	52.5	4,700	55.5	4,400	58.5	4,200	60.5	4,000
145	50.5	4,200	53.5	4,300	56.5	4,000	58.5	3,900
150	48.5	3,600	51.5	4,100	54.5	3,900	56.5	3,800
155	46.5	3,200	49.5	3,600	52.5	3,800	54.5	3,700
160	44.5	2,700	47.5	3,100	50.5	3,500	52.0	3,600
165	42.5	2,300	45.0	2,700	48.0	3,000	49.5	3,200
170	40.0	1,900	43.0	2,200	45.5	2,600	47.0	2,700
175	37.5	1,600	40.5	1,900	43.0	2,100		
180	35.0	1,200	38.0	1,500	40.5	1,700		
185					37.5	1,300		
Min.Bm. Ang./Cap.	34.0		35.0		35.0		35.0	
Radius (ft)	181.7		185.0		188.3		187.5	
Maximum Boom Length At 0° Boom Angle (ft)	103							

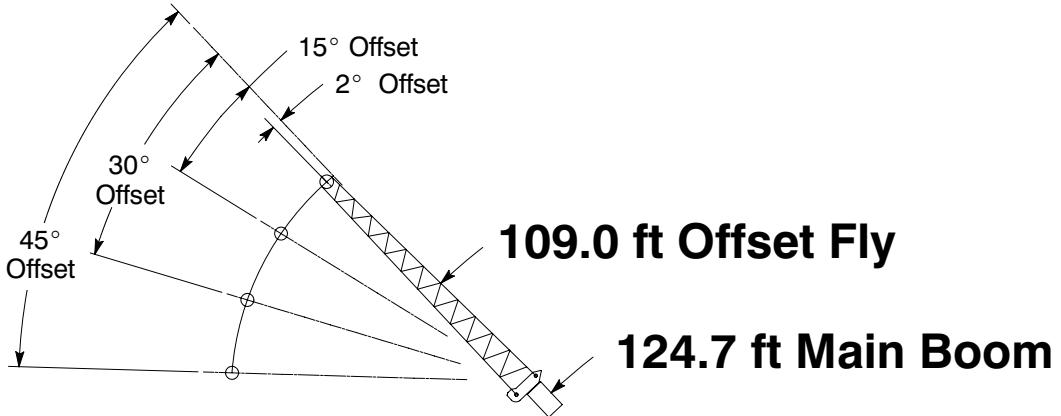
Not for crane operations



Rated Lifting Capacities In Pounds									
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset		
	°	360°	°	360°	°	360°	°	360°	
65	79.5	5,000							
70	79.0	5,000							
75	78.0	5,000							
80	77.5	5,000							
85	76.5	5,000	79.0	5,000					
90	76.0	5,000	78.0	5,000					
95	75.0	5,000	77.0	4,900					
100	74.0	5,000	76.0	4,600	78.5	4,200			
105	73.0	4,700	75.0	4,400	77.5	4,000			
110	72.0	4,500	74.0	4,100	76.5	3,800	78.5	3,500	
115	71.0	4,200	73.0	3,900	75.5	3,600	77.5	3,400	
120	70.0	4,000	72.0	3,700	74.5	3,400	76.5	3,200	
125	68.5	3,800	70.5	3,500	73.0	3,200	75.5	3,000	
130	67.5	3,600	69.5	3,300	72.0	3,000	74.0	2,900	
135	66.5	3,400	68.5	3,200	71.0	2,900	73.0	2,700	
140	65.5	3,200	67.5	3,000	70.0	2,700	72.0	2,600	
145	64.0	3,100	66.0	2,800	68.5	2,600	70.5	2,400	
150	63.0	2,900	65.0	2,700	67.5	2,500	69.5	2,300	
155	61.5	2,600	64.0	2,600	66.0	2,300	68.0	2,200	
160	60.0	2,300	62.5	2,400	65.0	2,200	67.0	2,100	
165	58.5	1,900	61.5	2,200	63.5	2,100	65.5	2,000	
170	57.0	1,500	60.0	2,000	62.5	2,000	64.0	1,900	
175			58.5	1,600	61.0	1,900	62.5	1,800	
180			56.5	1,200	59.5	1,700	61.5	1,700	
185					58.0	1,300	59.5	1,500	
190							58.0	1,200	
Min.Bm. Ang./Cap.	55.5		56.0		57.5		57.5		
Radius (ft)	175.0		181.6		187.5		191.2		
Maximum Boom Length At 0° Boom Angle (ft)	102								

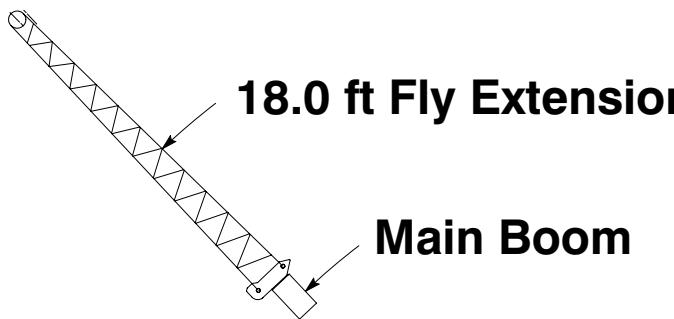


Rated Lifting Capacities In Pounds								
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
65	79.0	5,800						
70	78.0	5,800						
75	77.0	5,800						
80	76.5	5,800	79.0	5,900				
85	75.5	5,800	77.5	5,500				
90	74.5	5,600	76.5	5,200	79.5	4,800		
95	73.5	5,300	75.5	4,900	78.0	4,500		
100	72.0	5,000	74.5	4,700	77.0	4,300	79.5	4,100
105	71.0	4,700	73.5	4,400	76.0	4,100	78.5	3,800
110	70.0	4,500	72.0	4,200	75.0	3,800	77.0	3,600
115	69.0	4,200	71.0	3,900	73.5	3,600	76.0	3,400
120	67.5	4,000	70.0	3,700	72.5	3,400	74.5	3,300
125	66.5	3,800	68.5	3,500	71.5	3,300	73.5	3,100
130	65.5	3,600	67.5	3,300	70.0	3,100	72.0	2,900
135	64.0	3,400	66.0	3,200	69.0	2,900	71.0	2,800
140	63.0	3,200	65.0	3,000	67.5	2,800	69.5	2,600
145	61.5	3,100	63.5	2,800	66.5	2,600	68.5	2,500
150	60.0	2,900	62.5	2,700	65.0	2,500	67.0	2,400
155	59.0	2,800	61.0	2,600	63.5	2,400	65.5	2,300
160	57.5	2,600	59.5	2,400	62.0	2,200	64.0	2,200
165	56.0	2,200	58.5	2,300	61.0	2,100	62.5	2,000
170	54.5	1,900	57.0	2,200	59.5	2,000	61.0	1,900
175	52.5	1,500	55.5	1,900	58.0	1,900	59.5	1,900
180			53.5	1,500	56.5	1,800	58.0	1,800
185			52.0	1,200	54.5	1,600	56.5	1,700
190					53.0	1,200	54.5	1,400
Min.Bm. Ang./Cap.	51.0		51.5		52.5		53.0	
Radius (ft)	180.0		186.3		191.7		193.8	
Maximum Boom Length At 0° Boom Angle (ft)	Not for crane operations							



Rated Lifting Capacities In Pounds			Full		29,000 lb		EM 3	
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
55	78.5	8,300						
60	77.5	8,300						
65	76.5	8,100	79.0	7,600				
70	75.5	7,500	78.0	7,100				
75	74.0	7,000	76.5	6,600				
80	73.0	6,600	75.5	6,200	78.5	5,800		
85	71.5	6,200	74.0	5,800	77.5	5,500		
90	70.5	5,800	73.0	5,500	76.0	5,100	78.5	4,900
95	69.0	5,400	71.5	5,100	74.5	4,800	77.5	4,600
100	68.0	5,100	70.5	4,800	73.5	4,500	76.0	4,400
105	66.5	4,800	69.0	4,500	72.0	4,300	74.5	4,100
110	65.0	4,500	67.5	4,300	70.5	4,000	73.0	3,900
115	64.0	4,300	66.5	4,000	69.5	3,800	72.0	3,700
120	62.5	4,000	65.0	3,800	68.0	3,600	70.5	3,500
125	61.0	3,800	63.5	3,600	66.5	3,400	69.0	3,300
130	59.5	3,600	62.0	3,400	65.0	3,200	67.5	3,100
135	58.0	3,400	60.5	3,200	63.5	3,000	66.0	2,900
140	56.5	3,200	59.0	3,000	62.0	2,800	64.0	2,800
145	55.0	3,000	57.5	2,800	60.5	2,700	62.5	2,600
150	53.5	2,800	56.0	2,700	59.0	2,500	61.0	2,500
155	52.0	2,700	54.5	2,500	57.0	2,400	59.0	2,400
160	50.5	2,600	53.0	2,400	55.5	2,300	57.5	2,200
165	48.5	2,300	51.0	2,300	53.5	2,200	55.5	2,100
170	46.5	1,900	49.5	2,200	52.0	2,100	53.5	2,000
175	44.5	1,500	47.5	1,900	50.0	2,000	51.5	1,900
180	42.5	1,200	45.5	1,500	48.0	1,800	49.5	1,900
185					45.5	1,400	47.0	1,600
Min.Bm. Ang./Cap.	42.0		43.0		43.5		44.0	
Radius (ft)	181.3		185.0		190.0		191.3	
Maximum Boom Length At 0° Boom Angle (ft)	94							

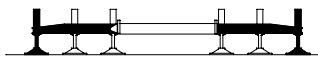
Not for crane operations



Rated Lifting Capacities In Pounds						
Load Radius (ft)	162 ft Boom		150 ft Boom		124.7 ft Boom	
	Boom Mode EM1	360°	Boom Mode EM2	360°	Boom Mode EM3	360°
25					79.0	34,500
30					77.5	34,500
35	78.0	17,000	78.0	25,200	75.5	34,500
40	77.0	17,000	77.0	25,200	73.5	32,900
45	75.5	17,000	75.5	25,200	71.5	30,000
50	74.0	17,000	74.0	24,600	69.5	27,400
55	73.0	17,000	72.0	22,600	67.0	25,100
60	71.5	17,000	70.0	21,000	65.0	22,900
65	70.0	17,000	68.5	19,500	62.5	21,100
70	68.5	17,000	66.5	18,100	60.5	19,700
75	67.0	16,000	64.5	16,900	58.0	18,100
80	65.0	14,900	62.5	15,700	55.0	16,200
85	63.0	13,900	60.5	14,700	52.5	14,300
90	61.5	12,900	58.5	13,400	49.5	12,700
95	59.5	12,000	56.0	12,000	47.0	11,300
100	57.5	10,700	54.0	10,800	43.5	10,100
105	55.0	9,600	51.5	9,600	40.5	8,900
110	53.0	8,600	49.0	8,600	37.0	7,900
115	50.5	7,700	46.5	7,700	33.0	7,000
120	48.5	6,900	44.0	6,900	28.5	6,200
125	46.0	6,200	41.0	6,200	23.5	5,400
130	43.5	5,500	38.0	5,500	16.5	4,800
135	40.5	4,800	34.5	4,800		
140	38.0	4,300	31.0	4,300		
145	35.0	3,700	27.0	3,700		
150	31.5	3,200	22.5	3,200		
155	28.0	2,800	16.5	2,800		
160	23.5	2,300				
165	18.5	2,000				
170	10.5	1,600				
Min.Bm. Ang./Cap.	0.0	1,500	0.0	2,500	0.0	4,300
Radius (ft)	171.5		159.5		134.2	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



43,000 lb



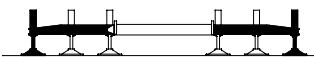
Full

Load Radius (ft)	41.4 ft			55.0 ft			70.0 ft		
	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front
9	70.5	260,000	260,000						
10	69.0	240,600	240,600	74.5	77,300	77,300	77.5	51,000	51,000
12	66.0	218,000	218,000	72.5	77,300	77,300	76.5	51,000	51,000
15	61.0	190,700	190,700	69.0	77,300	77,300	74.0	51,000	51,000
20	52.0	145,500	145,500	63.0	77,300	77,300	69.5	51,000	51,000
25	41.5	114,400	114,400	57.0	77,300	77,300	65.0	51,000	51,000
30	27.5	93,200	93,200	50.0	77,300	77,300	60.0	51,000	51,000
35				42.0	77,300	77,300	55.0	49,600	49,600
40				32.5	65,800	66,400	50.0	45,100	45,100
45				18.0	53,600	54,100	44.0	41,400	41,400
50							37.0	38,200	38,200
55							28.5	35,100	35,100
60							15.5	32,300	32,300
Min.Bm. Ang./Cap.	0.0	63,500	63,500	0.0	26,500	26,500	0.0	13,900	13,900
Radius (ft)		32.8			46.5			61.5	

Load Radius (ft)	85.0 ft			100.0 ft			115.0 ft		
	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front
15	76.5	51,200	51,200						
20	73.5	51,200	51,200	76.0	47,900	47,900			
25	70.0	51,200	51,200	73.5	47,900	47,900	76.0	48,100	48,100
30	66.5	51,200	51,200	70.5	43,600	43,600	73.5	44,400	44,400
35	62.5	46,700	46,700	67.5	39,300	39,300	71.0	40,100	40,100
40	58.5	42,300	42,300	64.0	35,600	35,600	68.5	36,500	36,500
45	54.5	38,800	38,800	61.0	32,500	32,500	65.5	33,300	33,300
50	50.0	35,700	35,700	57.5	29,800	29,800	63.0	30,600	30,600
55	45.0	33,000	33,000	54.0	27,500	27,500	60.0	28,200	28,200
60	40.0	30,600	30,600	50.0	25,500	25,500	57.0	26,200	26,200
65	33.5	28,600	28,600	46.0	23,700	23,700	53.5	24,300	24,300
70	26.0	26,800	26,800	41.5	22,100	22,100	50.5	22,700	22,700
75	14.5	25,100	25,200	36.5	20,900	20,900	47.0	21,300	21,300
80				31.0	19,600	19,600	43.0	20,100	20,100
85				24.0	18,400	18,400	39.0	18,900	18,900
90				13.5	17,400	17,400	34.5	17,800	17,800
95							29.5	16,800	16,800
100							23.0	15,500	15,700
105							12.5	14,200	14,400
Min.Bm. Ang./Cap.	0.0	11,800	11,800	0.0	9,400	9,400	0.0	7,800	7,800
Radius (ft)		76.5			91.5			106.5	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



43,000 lb



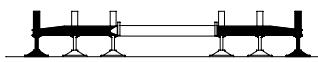
Full

Load Radius (ft)	130.0 ft			145.0 ft		
	24°	360°	Over Front	24°	360°	Over Front
25	77.5	37,100	37,100			
30	75.5	37,100	37,100	77.5	32,800	32,800
35	73.5	36,000	36,000	75.5	32,800	32,800
40	71.5	32,700	32,700	74.0	32,800	32,800
45	69.0	29,800	29,800	72.0	31,500	31,500
50	66.5	27,300	27,300	70.0	28,900	28,900
55	64.0	25,200	25,200	68.0	26,700	26,700
60	61.5	23,300	23,300	65.5	24,700	24,700
65	59.0	21,600	21,600	63.5	22,900	22,900
70	56.0	20,300	20,300	61.0	21,300	21,300
75	53.5	18,900	18,900	59.0	20,000	20,000
80	50.5	17,700	17,700	56.5	18,800	18,800
85	47.5	16,600	16,600	54.0	17,600	17,600
90	44.0	15,600	15,600	51.0	16,500	16,500
95	40.5	14,600	14,600	48.5	15,500	15,500
100	37.0	13,800	13,800	45.5	14,600	14,600
105	32.5	13,000	13,000	42.5	13,500	13,700
110	27.5	12,300	12,300	39.0	12,300	12,500
115	21.5	11,600	11,600	35.5	11,200	11,400
120	12.0	10,800	11,000	31.5	10,300	10,400
125				26.5	9,400	9,500
130				21.0	8,600	8,700
135				12.0	7,900	8,000
Min.Bm. Ang./Cap.	0.0	6,000	6,000	0.0	4,600	4,600
Radius (ft)		121.5			136.5	

Load Radius (ft)	155.0 ft			162.0 ft		
	24°	360°	Over Front	24°	360°	Over Front
35	77.0	28,900	28,900	77.0	26,100	26,100
40	75.5	28,900	28,900	76.0	26,100	26,100
45	73.5	28,900	28,900	74.5	26,100	26,100
50	72.0	27,200	27,200	72.5	26,100	26,100
55	70.0	25,100	25,100	71.0	24,100	24,100
60	68.0	23,200	23,200	69.0	22,200	22,200
65	66.0	21,500	21,500	67.0	20,700	20,700
70	63.5	20,100	20,100	65.0	19,200	19,200
75	61.5	18,700	18,700	63.0	17,900	17,900
80	59.5	17,400	17,400	61.0	16,700	16,700
85	57.0	16,200	16,200	59.0	15,600	15,600
90	54.5	15,100	15,100	56.5	14,600	14,600
95	52.5	14,100	14,100	54.5	13,500	13,500
100	49.5	13,100	13,100	52.0	12,600	12,600
105	47.0	12,300	12,300	49.5	11,800	11,800
110	44.5	11,500	11,500	47.0	11,000	11,000
115	41.5	10,800	10,800	44.5	10,300	10,300
120	38.0	10,000	10,100	41.5	9,600	9,600
125	34.5	9,100	9,200	38.5	8,900	9,000
130	30.5	8,300	8,400	35.5	8,100	8,200
135	26.0	7,500	7,700	31.5	7,300	7,500
140	20.5	6,900	7,000	27.5	6,600	6,800
145	11.5	6,200	6,400	22.5	6,000	6,100
150				15.5	5,500	5,600
Min.Bm. Ang./Cap.	0.0	6,100	6,200	0.0	5,100	5,200
Radius (ft)		146.5			153.5	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



Full

43,000 lb

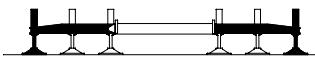


Load Radius (ft)	41.4 ft			55.0 ft			70.0 ft		
	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front
9	70.5	260,000	260,000						
10	69.0	240,600	240,600	74.5	77,300	77,300	78.0	67,800	67,800
12	66.0	218,000	218,000	72.5	77,300	77,300	76.5	67,800	67,800
15	61.0	190,700	190,700	69.0	77,300	77,300	74.0	67,800	67,800
20	52.0	145,500	145,500	63.0	77,300	77,300	69.5	67,800	67,800
25	41.5	114,400	114,400	57.0	77,300	77,300	65.0	66,900	66,900
30	27.5	93,200	93,200	50.0	77,300	77,300	60.5	59,800	59,800
35				42.0	77,300	77,300	55.5	54,000	54,000
40				32.5	65,800	66,400	50.0	49,300	49,300
45				18.0	53,600	54,100	44.0	45,300	45,300
50							37.0	42,000	42,000
55							28.5	39,200	39,200
60							16.0	35,100	35,400
Min.Bm. Ang./Cap.	0.0	63,500	63,500	0.0	26,500	26,500	0.0	15,300	15,300
Radius (ft)		32.8			46.5			61.5	

Load Radius (ft)	85.0 ft			100.0 ft			115.0 ft		
	24°	360°	Over Front	24°	360°	Over Front	24°	360°	Over Front
15	77.0	68,100	68,100						
20	74.0	66,100	66,100	76.5	60,000	60,000			
25	70.0	58,200	58,200	73.5	53,400	53,400	76.5	49,300	49,300
30	66.5	51,700	51,700	70.5	47,700	47,700	73.5	44,100	44,100
35	62.5	46,400	46,400	67.5	43,100	43,100	71.0	39,800	39,800
40	58.5	42,100	42,100	64.5	39,300	39,300	68.5	36,100	36,100
45	54.5	38,600	38,600	61.0	36,000	36,000	65.5	33,000	33,000
50	50.0	35,500	35,500	57.5	33,100	33,100	63.0	30,300	30,300
55	45.0	32,800	32,800	54.0	30,600	30,600	60.0	27,900	27,900
60	40.0	30,500	30,500	50.5	28,500	28,500	57.0	25,900	25,900
65	33.5	28,400	28,400	46.0	26,600	26,600	54.0	24,000	24,000
70	26.0	26,600	26,600	42.0	24,900	24,900	50.5	22,400	22,400
75	14.5	25,000	25,100	37.0	23,400	23,400	47.0	21,000	21,000
80				31.5	22,000	22,000	43.0	19,800	19,800
85				24.5	20,400	20,600	39.0	18,600	18,600
90				13.5	18,500	18,700	34.5	17,500	17,500
95							29.5	16,500	16,500
100							23.0	15,200	15,400
105							12.5	13,900	14,100
Min.Bm. Ang./Cap.	0.0	12,900	12,900	0.0	10,600	10,600	0.0	8,800	8,800
Radius (ft)		76.5			91.5			106.5	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



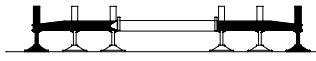
43,000 lb



Load Radius (ft)	130.0 ft			140.0 ft			150.0 ft		
	25°	360°	Over Front	25°	360°	Over Front	25°	360°	Over Front
25	78.0	45,100	45,100						
30	76.0	43,200	43,200	77.5	37,200	37,200	78.0	31,900	31,900
35	74.0	39,100	39,100	75.5	37,200	37,200	76.5	31,900	31,900
40	71.5	35,700	35,700	73.5	34,900	34,900	75.0	31,900	31,900
45	69.5	32,700	32,700	71.5	32,000	32,000	73.0	30,000	30,000
50	67.0	30,100	30,100	69.5	29,400	29,400	71.0	27,500	27,500
55	64.5	27,800	27,800	67.0	27,100	27,100	69.0	25,300	25,300
60	62.0	25,800	25,800	64.5	25,000	25,000	67.0	23,400	23,400
65	59.5	24,000	24,000	62.5	23,200	23,200	65.0	21,700	21,700
70	56.5	22,500	22,500	60.0	21,600	21,600	62.5	20,200	20,200
75	54.0	21,000	21,000	57.5	20,300	20,300	60.5	18,700	18,700
80	51.0	19,800	19,800	55.0	19,000	19,000	58.0	17,400	17,400
85	48.0	18,600	18,600	52.0	17,800	17,800	55.5	16,100	16,100
90	44.5	17,600	17,600	49.5	16,700	16,700	53.0	15,000	15,000
95	41.0	16,300	16,500	46.5	15,700	15,700	50.5	14,000	14,000
100	37.0	14,900	15,000	43.5	14,500	14,700	48.0	13,000	13,000
105	33.0	13,500	13,700	40.0	13,200	13,300	45.0	12,200	12,200
110	28.0	12,300	12,500	36.0	12,000	12,100	42.0	11,400	11,400
115	21.5	11,300	11,400	32.0	10,900	11,100	38.5	10,600	10,600
120	12.0	10,300	10,500	27.0	9,900	10,100	35.0	9,600	9,800
125				21.5	9,100	9,200	31.0	8,700	8,900
130				12.0	8,300	8,400	26.5	7,900	8,100
135							21.0	7,200	7,300
140							12.0	6,600	6,700
Min.Bm. Ang./Cap.	0.0	6,900	6,900	0.0	5,800	5,800	0.0	4,700	4,700
Radius (ft)	121.5			131.5			141.5		

Not for crane operations

**Rated Lifting Capacities
In Pounds**



43,000 lb

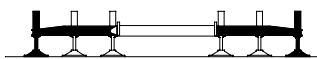


Load Radius (ft)	41.4 ft			55.0 ft			70.0 ft			85.0 ft				
	27°	360°	Over Front	27°	360°	Over Front	27°	360°	Over Front	27°	360°	Over Front		
9	70.5	260,000	260,000											
10	69.0	240,600	240,600	74.5	73,800	73,800	78.0	68,700	68,700					
12	66.0	218,000	218,000	72.5	73,800	73,800	76.5	68,700	68,700					
15	61.0	190,700	190,700	69.0	73,800	73,800	74.0	68,700	68,700	77.0	69,100	69,100		
20	52.0	145,500	145,500	63.0	73,800	73,800	70.0	68,700	68,700	74.0	69,100	69,100		
25	41.5	114,400	114,400	57.0	73,800	73,800	65.5	68,700	68,700	70.5	69,100	69,100		
30	27.5	93,200		50.0	73,800	73,800	60.5	68,700	68,700	66.5	69,100	69,100		
35				42.0	73,800	73,800	55.5	68,700	68,700	63.0	65,300	65,300		
40				32.5	65,700	66,300	50.0	67,300	67,900	59.0	59,300	59,300		
45				18.0	53,600	54,100	44.0	55,200	55,700	54.5	54,100	54,100		
50							37.0	46,400	46,800	50.0	46,400	46,800		
55							28.5	39,500	39,900	45.0	39,700	40,000		
60							15.5	34,200	34,600	39.5	34,400	34,700		
65										33.5	30,100	30,400		
70										26.0	26,500	26,800		
75										14.0	23,500	23,800		
Min.Bm. Ang./Cap.	0.0	63,500	63,500	0.0	26,900	26,900	0.0	21,900	21,900	0.0	17,900	17,900		
Radius (ft)	32.8			46.5			61.5			76.5				

Load Radius (ft)	100.0 ft			115.0 ft			124.7 ft		
	27°	360°	Over Front	27°	360°	Over Front	27°	360°	Over Front
20	76.5	61,000	61,000						
25	73.5	59,400	59,400	76.5	55,300	55,300	78.0	51,000	51,000
30	70.5	52,800	52,800	74.0	49,400	49,400	75.5	45,400	45,400
35	67.5	47,500	47,500	71.5	44,400	44,400	73.5	40,600	40,600
40	64.5	43,000	43,000	68.5	40,200	40,200	71.0	36,500	36,500
45	61.0	39,400	39,400	66.0	36,700	36,700	68.5	32,900	32,900
50	57.5	36,200	36,200	63.0	33,600	33,600	66.0	29,900	29,900
55	54.0	33,400	33,400	60.5	30,900	30,900	63.0	27,200	27,200
60	50.0	31,000	31,000	57.5	28,600	28,600	60.5	24,900	24,900
65	46.0	28,800		54.0	26,500	26,500	57.5	22,900	22,900
70		26,400	26,700	51.0	24,600	24,600	55.0	21,100	21,100
75			23,400	23,700	47.5	22,900	23,000	52.0	19,500
80	31.0	20,900	21,100	43.5	20,400	20,600	48.5	18,100	18,100
85	24.0	18,700	18,900	39.5	18,200	18,400	45.0	16,700	16,700
90	13.0	16,900	17,100	34.5	16,400	16,600	41.5	15,500	15,500
95				29.5	14,700	14,900	37.5	14,400	14,400
100				23.0	13,200	13,400	33.5	13,000	13,200
105				12.5	11,900	12,100	28.0	11,700	11,900
110							22.0	10,500	10,700
115							11.5	9,400	9,600
Min.Bm. Ang./Cap.	0.0	14,100	14,100	0.0	11,000	11,000	0.0	9,200	9,200
Radius (ft)	91.5			106.5			116.2		

Not for crane operations

**Rated Lifting Capacities
In Pounds**



43,000 lb

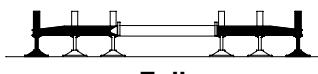


Load Radius (ft)	41.4 ft			55.0 ft			70.0 ft		
	27°	360°	Over Front	27°	360°	Over Front	27°	360°	Over Front
9	70.5	260,000	260,000						
10	69.0	240,600	240,600	74.5	73,800	73,800	78.0	68,700	68,700
12	66.0	218,000	218,000	72.5	73,800	73,800	76.5	68,700	68,700
15	61.0	190,700	190,700	69.0	73,800	73,800	74.0	68,700	68,700
20	52.0	145,500	145,500	63.0	73,800	73,800	70.0	68,700	68,700
25	41.5	114,400	114,400	57.0	73,800	73,800	65.5	68,700	68,700
30	27.5	93,200	93,200	50.0	73,800	73,800	60.5	68,700	68,700
35				42.0	73,800	73,800	55.5	68,700	68,700
40				32.5	65,700	66,300	50.0	67,300	67,900
45				18.0	53,600	54,100	44.0	55,200	55,700
50							37.0	46,400	46,800
55							28.5	39,500	39,900
60							15.5	34,200	34,600
Min.Bm. Ang./Cap.	0.0	63,500	63,500	0.0	26,900	26,900	0.0	21,900	21,900
Radius (ft)	32.8			46.5			61.5		

Load Radius (ft)	85.0 ft			100.0 ft			112.0 ft		
	27°	360°	Over Front	27°	360°	Over Front	27°	360°	Over Front
15	77.0	64,900	64,900						
20	74.0	64,900	64,900	76.5	65,200	65,200	78.5	56,400	56,400
25	70.5	64,900	64,900	74.0	65,200	65,200	76.0	55,500	55,500
30	66.5	64,900	64,900	71.0	63,900	63,900	73.5	48,900	48,900
35	63.0	64,900	64,900	68.0	57,100	57,100	70.5	43,400	43,400
40	59.0	64,900	64,900	64.5	51,300	51,300	68.0	39,000	39,000
45	54.5	55,000	55,500	61.5	46,500	46,500	65.0	35,200	35,200
50	50.0	46,300	46,700	58.0	42,400	42,400	62.0	31,900	31,900
55	45.0	39,600	39,900	54.5	38,700	39,000	59.0	29,100	29,100
60	39.5	34,400	34,700	50.5	33,600	33,900	56.0	26,600	26,600
65	33.5	30,000	30,300	46.0	29,300	29,700	52.5	24,400	24,400
70	26.0	26,400	26,700	41.5	25,800	26,100	49.0	22,500	22,500
75	14.0	23,500	23,700	37.0	22,900	23,100	45.5	20,900	20,900
80				31.0	20,300	20,600	41.5	19,300	19,300
85				24.0	18,100	18,400	37.0	17,800	17,900
90				13.0	16,300	16,500	32.0	16,000	16,200
95							26.0	14,300	14,500
100							18.0	12,800	13,000
Min.Bm. Ang./Cap.	0.0	17,900	17,900	0.0	14,000	14,000	0.0	11,300	11,300
Radius (ft)	76.5			91.5			103.5		

Not for crane operations

**Rated Lifting Capacities
In Pounds**



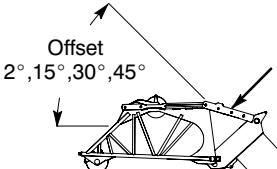
43,000 lb



Load Radius (ft)	41.4 ft			55.5 ft		
	24°	360°	Over Front	24°	360°	Over Front
9	70.5	260,000	260,000			
10	69.0	240,600	240,600	74.5	157,000	157,000
12	66.0	218,000	218,000	72.5	157,000	157,000
15	61.0	190,700	190,700	69.5	157,000	157,000
20	52.0	145,500	145,500	63.5	148,100	148,100
25	41.5	114,400	114,400	57.5	117,100	117,100
30	27.5	93,200	93,200	50.5	95,900	95,900
35				43.0	80,600	80,600
40				33.5	64,600	65,200
45				20.0	52,500	53,000
Min.Bm. Ang./Cap.	0.0	63,500	63,500	0.0	44,100	44,100
Radius (ft)		32.8			47.0	

Load Radius (ft)	70.4 ft			86.2 ft		
	24°	360°	Over Front	24°	360°	Over Front
10	78.5	151,100	151,100			
12	77.0	150,200	150,200			
15	74.5	135,800	135,800	78.0	105,500	105,500
20	70.0	116,900	116,900	74.5	89,800	89,800
25	65.5	102,400	102,400	71.0	77,900	77,900
30	61.0	90,900	90,900	67.0	68,500	68,500
35	56.0	81,300	81,300	63.5	61,000	61,000
40	50.5	65,300	65,900	59.5	54,700	54,700
45	44.5	53,300	53,800	55.5	49,400	49,400
50	37.5	44,600	45,000	51.0	43,900	44,400
55	29.0	37,800	38,200	46.0	37,300	37,700
60	17.0	32,600	32,900	41.0	32,200	32,500
65				35.0	27,900	28,200
70				28.0	24,400	24,600
75				18.0	21,400	21,700
Min.Bm. Ang./Cap.	0.0	30,900	31,200	0.0	20,000	20,300
Radius (ft)		61.9			77.7	

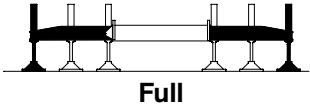
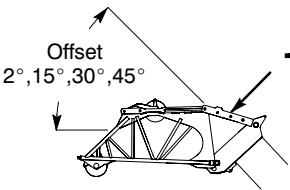
Not for crane operations

Rated Lifting Capacities In Pounds										
	Full					43,000 lb		EM 1	360°	
Boom Length (ft)	41.4	55.0	70.0	85.0	100.0	115.0	130.0	145.0	155.0	162.0
Load Radius (ft)	 10.0 ft Offset Fly									
10	51,800	51,800								
12	47,300	51,800	48,600							
15	46,400	46,800	48,600	48,600						
20	45,200	45,700	45,200	44,000	45,100					
25	44,600	44,800	44,500	43,400	41,200	38,300	28,900			
30	44,600	44,400	43,900	43,000	39,200	38,300	28,900	25,600	22,400	
35	44,600	44,300	41,300	41,300	35,200	36,400	28,900	25,600	22,400	
40	44,600	44,300	37,400	37,400	32,200	33,200	28,900	25,600	22,400	20,000
45		44,300	34,400	34,400	29,300	30,300	27,300	25,600	22,400	20,000
50		42,900	31,600	31,600	26,800	27,800	24,900	25,600	22,400	20,000
55		40,000	29,300	29,100	24,700	25,600	22,900	24,200	22,400	20,000
60			27,200	27,000	22,900	23,700	21,100	22,500	21,200	20,000
65			25,500	25,100	21,200	22,000	19,500	20,900	19,600	18,700
70			24,000	23,500	19,800	20,400	18,100	19,400	18,100	17,000
75				22,000	18,500	19,100	17,100	18,100	17,100	16,300
80				20,700	17,300	17,900	15,900	17,100	15,900	15,100
85				19,600	16,400	17,000	14,900	16,000	14,800	14,100
90					15,500	16,000	13,900	14,900	13,800	13,100
95					14,600	15,000	13,100	14,000	12,900	12,200
100					13,800	14,200	12,300	13,100	12,000	11,400
105						13,400	11,500	12,400	11,200	10,600
110						12,700	10,900	11,600	10,400	9,900
115							11,800	10,200	10,800	9,700
120								9,700	9,900	9,000
125								9,100	9,000	8,400
130								8,700	8,200	7,800
135									7,500	7,100
140									6,800	6,400
145									6,200	5,800
150										5,200
155										4,700
160										3,900
Min.Bm. Ang./Cap.	0	34,200	0	18,300	0	10,600	0	9,000	0	7,300
Radius (ft)	42.8	56.5	71.5	86.5	101.5	116.5	131.5	146.5	156.5	163.5

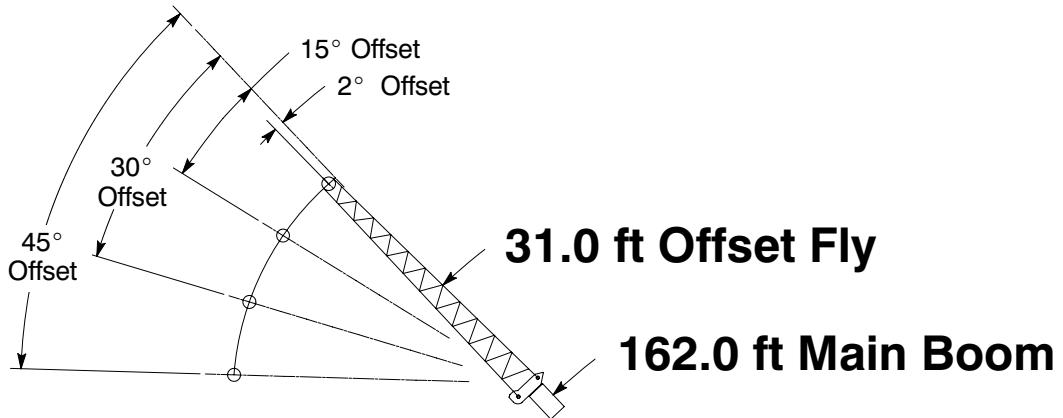
Not for crane operations

Rated Lifting Capacities In Pounds									
Boom Length (ft)	41.4	55.0	70.0	85.0	100.0	115.0	130.0	140.0	150.0
Load Radius (ft)									
10	51,800	51,800							
12	47,300	51,800	51,800						
15	46,400	46,800	51,500	51,800					
20	45,200	45,700	45,400	44,400	48,000				
25	44,600	44,800	44,700	43,700	42,400	41,600	36,300		
30	44,600	44,400	44,100	43,200	41,800	40,000	36,300	29,900	25,400
35	44,600	44,300	43,600	40,800	37,800	36,100	34,100	29,900	25,400
40	44,600	44,300	44,300	39,700	37,000	34,500	33,000	32,200	29,900
45		44,300	36,400	34,100	31,700	30,100	29,500	29,500	25,400
50		42,900	33,800	31,300	29,200	27,600	27,100	27,100	25,400
55		40,000	31,400	28,900	27,000	25,400	25,100	24,900	23,300
60			29,300	26,800	25,100	23,500	23,200	23,000	21,500
65			27,500	25,000	23,400	21,700	21,600	21,300	19,800
70			26,100	23,300	21,900	20,200	20,100	19,700	18,400
75				21,900	20,500	18,900	18,800	18,400	17,200
80				20,600	19,300	17,600	17,600	17,200	16,000
85				19,500	18,300	16,800	16,700	16,200	14,900
90					17,300	15,700	15,700	15,200	13,900
95					16,500	14,800	14,800	14,200	12,900
100					15,400	14,000	13,900	13,300	12,000
105						13,200	13,200	12,500	11,100
110						12,500	12,000	11,600	10,300
115						11,500	11,000	10,600	9,600
120							10,000	9,600	9,000
125							9,100	8,700	8,300
130							8,400	7,900	7,600
135								7,200	6,800
140								6,500	6,200
145									5,500
150									5,000
Min.Bm. Ang./Cap.	0	34,200	0	18,300	0	11,500	0	9,800	0
Radius (ft)	42.8	56.5	71.5	86.5	101.5	116.5	131.5	141.5	151.5

Not for crane operations

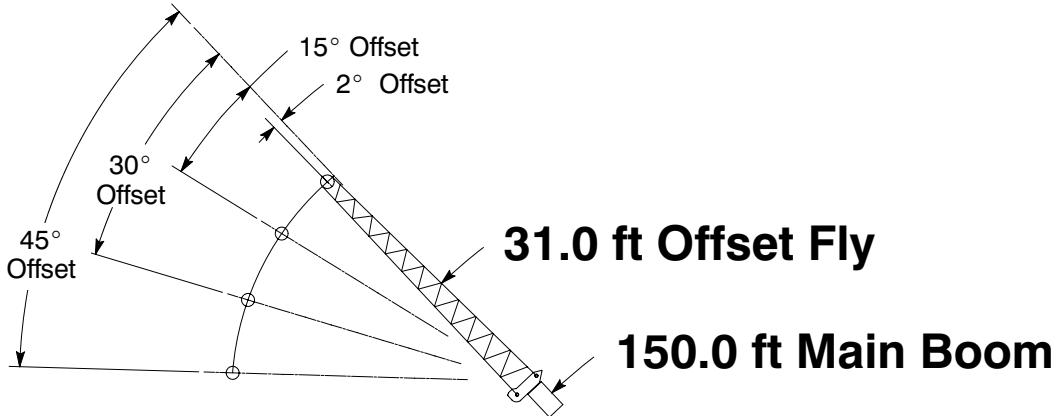
Rated Lifting Capacities In Pounds							
Boom Length (ft)	41.4	55.0	70.0	85.0	100.0	115.0	124.7
Load Radius (ft)	 <p>10.0 ft Offset Fly</p>						
10	51,800	51,800					
12	47,300	51,800	51,800				
15	46,400	46,800	51,800	51,800			
20	45,200	45,700	46,000	45,800	51,800		
25	44,600	44,900	45,100	45,000	44,300	50,700	43,400
30	44,600	44,400	44,500	44,400	43,800	42,800	41,600
35	44,600	44,300	44,100	44,000	41,300	40,100	37,300
40	44,600	44,300	44,000	43,700	37,500	36,400	34,000
45		44,300	44,000	43,500	34,500	33,400	31,000
50		43,600	44,000	43,500	31,800	30,600	28,300
55		40,000	40,400	40,000	29,400	28,200	25,700
60			35,100	34,700	27,300	26,000	23,500
65			30,900	30,500	25,400	24,100	21,500
70			27,300	26,900	23,700	22,400	19,800
75				24,000	22,200	20,900	18,200
80				21,500	20,900	19,500	17,000
85				19,300	18,800	18,100	15,700
90					17,100	16,400	14,600
95					15,400	14,700	13,500
100					13,900	13,200	12,500
105						11,900	11,600
110						10,800	10,400
115						9,700	9,400
120							8,400
125							7,600
Min.Bm. Ang./Cap.	0	34,200	0	18,500	0	15,800	0
Radius (ft)	42.8	56.5	71.5	86.5	101.5	116.5	126.2
43,000 lb							

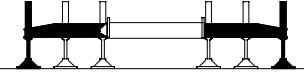
Not for crane operations



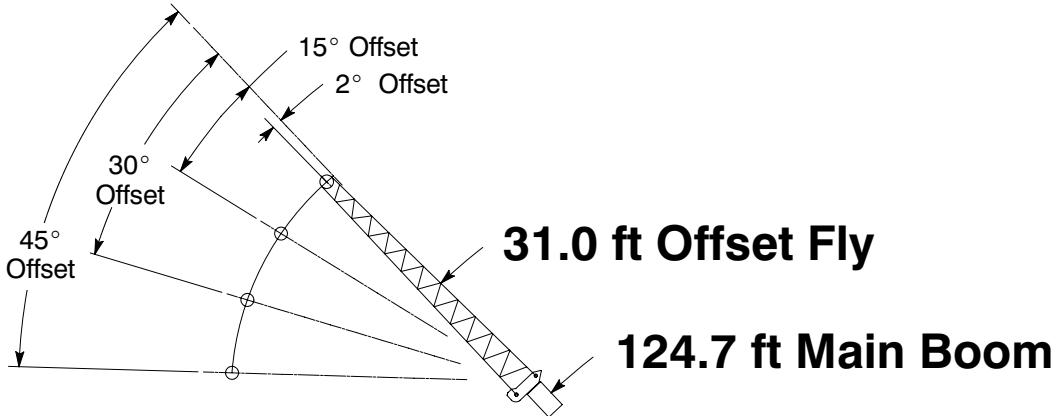
Rated Lifting Capacities In Pounds						43,000 lb			
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset		
	°	360°	°	360°	°	360°	°	360°	
35	79.0	14,600							
40	78.0	14,600							
45	77.0	14,600	79.0	14,600					
50	75.5	14,600	78.0	14,600					
55	74.5	14,600	76.5	14,600	78.5	14,300			
60	73.0	14,600	75.5	14,600	77.5	14,100	79.0	13,200	
65	72.0	14,600	74.0	14,600	76.0	14,000	77.5	13,100	
70	70.5	14,600	73.0	14,600	74.5	13,800	76.5	13,100	
75	69.5	14,600	71.5	14,600	73.5	13,700	75.0	13,000	
80	67.5	14,200	70.0	14,400	72.0	13,600	73.5	12,900	
85	66.0	13,200	68.5	13,400	70.5	13,500	72.0	12,800	
90	64.5	12,300	66.5	12,500	68.5	12,800	70.5	12,800	
95	62.5	11,500	65.0	11,700	67.0	11,900	68.5	12,100	
100	61.0	10,700	63.0	10,900	65.0	11,100	66.5	11,300	
105	59.0	10,000	61.0	10,200	63.5	10,400	65.0	10,600	
110	57.0	9,400	59.5	9,600	61.5	9,800	63.0	9,900	
115	55.5	8,800	57.5	8,900	59.5	9,100	60.5	9,300	
120	53.5	8,200	55.5	8,400	57.5	8,600	58.5	8,700	
125	51.5	7,700	53.5	7,800	55.5	8,000	56.5	8,100	
130	49.0	7,200	51.5	7,300	53.0	7,500	54.0	7,600	
135	47.0	6,700	49.0	6,900	51.0	7,000	52.0	7,100	
140	44.5	6,300	47.0	6,400	48.5	6,600	49.5	6,700	
145	42.5	5,800	44.5	6,000	46.0	6,100	46.5	6,200	
150	39.5	5,300	42.0	5,500	43.5	5,700			
155	37.0	4,700	39.0	5,000	40.5	5,100			
160	34.0	4,200	36.0	4,400	37.5	4,600			
165	30.5	3,800	32.5	4,000	34.0	4,100			
170	27.0	3,400	29.0	3,500	30.0	3,600			
175	23.0	3,000	24.5	3,100					
180	17.0	2,600	19.0	2,700					
Min.Bm. Ang./Cap.	6.0		5.5		5.0		0.0	1,200	
Radius (ft)	184.0		183.7		182.0		176.3		
Maximum Boom Length At 0° Boom Angle (ft)	160								

Not for crane operations



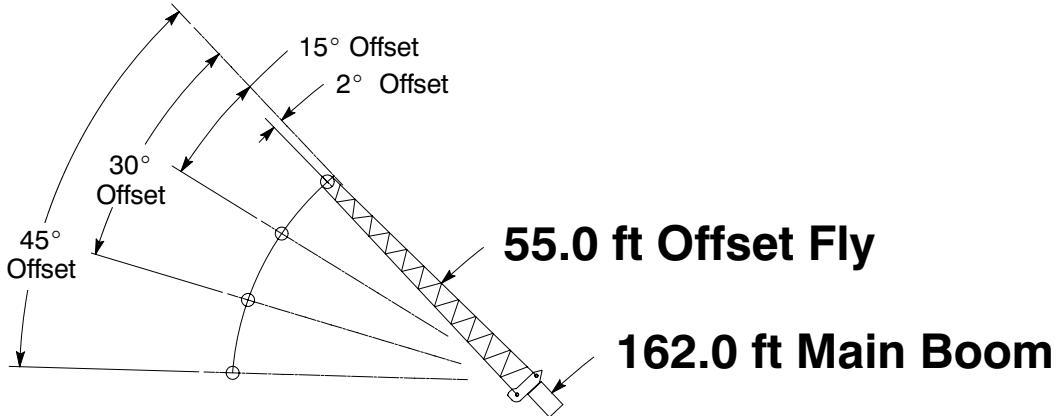
Rated Lifting Capacities In Pounds								
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
35	79.0	17,600						
40	77.5	17,600						
45	76.0	17,600	78.5	17,300				
50	75.0	17,600	77.0	17,000	79.0	15,300		
55	73.5	17,600	75.5	16,700	77.5	15,000	79.5	13,900
60	72.0	17,600	74.0	16,400	76.5	14,800	78.0	13,700
65	71.0	17,600	72.5	16,200	74.5	14,600	76.5	13,600
70	69.0	17,300	71.0	15,900	73.0	14,400	75.0	13,500
75	67.5	16,100	69.5	15,700	71.5	14,300	73.5	13,400
80	65.5	15,000	68.0	15,100	70.0	14,100	71.5	13,300
85	64.0	14,000	66.0	14,100	68.5	13,900	70.0	13,200
90	62.0	13,000	64.5	13,200	66.5	13,400	68.0	13,200
95	60.0	12,200	62.5	12,400	64.5	12,600	66.5	12,800
100	58.0	11,400	60.5	11,600	62.5	11,800	64.0	12,000
105	56.0	10,700	58.5	10,900	60.5	11,000	62.0	11,200
110	54.0	10,000	56.5	10,200	58.5	10,400	60.0	10,500
115	52.0	9,400	54.0	9,600	56.5	9,700	57.5	9,900
120	50.0	8,800	52.0	9,000	54.0	9,100	55.0	9,300
125	47.5	8,200	49.5	8,400	51.5	8,600	52.5	8,700
130	45.0	7,700	47.5	7,900	49.0	8,100	50.0	8,200
135	42.5	7,200	44.5	7,400	46.5	7,500	47.5	7,600
140	39.5	6,600	42.0	6,800	43.5	7,000		
145	37.0	5,900	39.0	6,200	40.5	6,400		
150	33.5	5,400	35.5	5,600	37.0	5,700		
155	30.0	4,800	32.0	5,000	33.5	5,100		
160	26.0	4,300	28.0	4,500				
165	21.0	3,900	23.0	4,000				
170	14.5	3,500	16.0	3,500				
Min.Bm. Ang./Cap.	0.0	2,000	0.0	2,000	0.0	2,100	0.0	3,600
Radius (ft)	172.5		172.1		170.1		166.4	

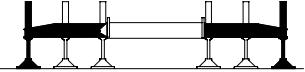
Not for crane operations

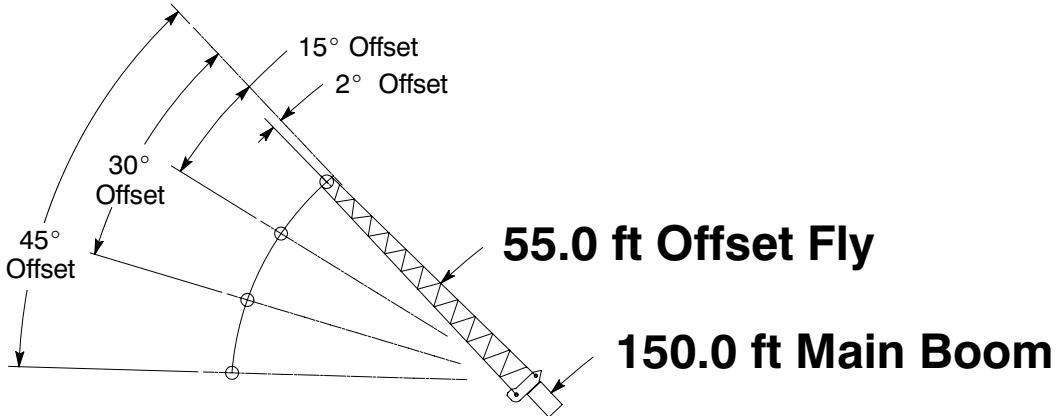


Rated Lifting Capacities In Pounds			Full		43,000 lb		EM3	
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
30	78.5	28,100						
35	77.0	27,000	79.0	20,400				
40	75.5	26,000	77.5	20,400				
45	73.5	24,900	75.5	19,300	78.0	16,600		
50	72.0	24,000	74.0	18,700	76.0	16,300	78.5	14,700
55	70.0	23,100	72.0	18,200	74.5	15,900	76.5	14,500
60	68.0	20,400	70.0	17,700	72.5	15,600	74.5	14,300
65	66.0	19,800	68.0	17,300	70.5	15,300	72.5	14,100
70	64.0	19,200	66.0	16,900	68.5	15,000	70.5	14,000
75	62.0	17,800	64.0	16,500	66.5	14,800	68.5	13,800
80	59.5	16,500	62.0	16,100	64.5	14,600	66.0	13,700
85	57.5	15,300	60.0	15,600	62.5	14,400	64.0	13,700
90	55.0	14,200	57.5	14,500	60.0	14,200	61.5	13,600
95	52.5	13,200	55.0	13,500	57.5	13,800	59.0	13,600
100	50.0	12,300	52.5	12,600	55.0	12,800	56.5	13,000
105	47.5	11,500	50.0	11,700	52.5	12,000	53.5	12,100
110	44.5	10,700	47.0	10,900	49.5	11,100	50.5	11,300
115	41.5	10,000	44.5	10,200	46.5	10,400	47.5	10,500
120	38.5	9,200	41.0	9,500	43.0	9,700		
125	35.0	8,300	37.5	8,600	39.5	8,800		
130	31.5	7,500	33.5	7,800	35.5	7,900		
135	27.0	6,800	29.5	7,000	30.5	7,100		
140	21.5	6,200	24.0	6,300				
145	14.0	5,600	15.5	5,600				
Min.Bm. Ang./Cap.	0.0	4,200	0.0	4,300	0.0	4,500	0.0	5,700
Radius (ft)	147.2		146.9		144.9		141.4	

Not for crane operations

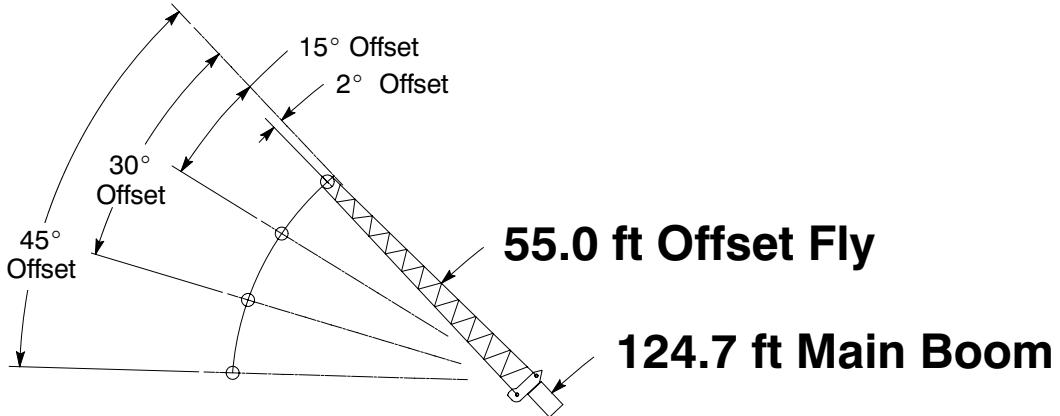


Rated Lifting Capacities In Pounds				Full				
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
40	79.5	10,600						
45	78.5	10,600						
50	77.5	10,600						
55	76.5	10,600						
60	75.5	10,600	78.5	9,700				
65	74.5	10,600	77.5	9,500				
70	73.5	10,500	76.5	9,400	79.5	8,300		
75	72.0	10,300	75.0	9,200	78.5	8,200		
80	71.0	10,200	74.0	9,000	77.0	8,100		
85	69.5	10,000	72.5	8,900	76.0	8,000	78.5	7,300
90	68.5	9,800	71.5	8,700	74.5	7,800	77.0	7,300
95	67.0	9,600	70.0	8,600	73.5	7,700	76.0	7,200
100	66.0	9,500	69.0	8,500	72.0	7,600	74.5	7,100
105	64.5	9,200	67.5	8,300	70.5	7,600	73.0	7,100
110	63.0	8,600	66.0	8,200	69.0	7,500	71.5	7,100
115	61.5	8,000	65.0	8,100	67.5	7,400	70.0	7,000
120	60.0	7,500	63.5	7,800	66.5	7,300	68.5	7,000
125	58.0	7,000	61.5	7,300	65.0	7,300	67.0	7,000
130	56.5	6,600	60.0	6,800	63.0	7,000	65.5	6,900
135	54.5	6,100	58.0	6,300	61.5	6,600	63.5	6,800
140	53.0	5,700	56.5	5,900	59.5	6,100	61.5	6,300
145	51.0	5,300	54.5	5,500	57.5	5,700	59.5	5,900
150	49.0	5,000	52.5	5,200	55.5	5,400	57.5	5,500
155	47.5	4,600	50.5	4,800	53.5	5,000	55.0	5,100
160	45.0	4,300	48.5	4,500	51.0	4,700	52.5	4,800
165	43.0	4,000	46.5	4,200	49.0	4,300	50.0	4,400
170	41.0	3,800	44.0	3,900	46.5	4,000	47.5	4,100
175	38.5	3,500	41.5	3,600	44.0	3,700		
180	36.0	3,100	39.0	3,400	41.0	3,500		
185	33.0	2,800	36.0	3,000	38.0	3,200		
190	30.0	2,400	33.0	2,600	34.5	2,800		
195	26.5	2,100	29.5	2,300	30.5	2,400		
200	22.5	1,800	25.0	2,000				
205	17.5	1,600	19.5	1,600				
Min.Bm. Ang./Cap.	16.0		17.0		19.0		18.5	
Radius (ft)	206.1		205.7		200.9		192.4	
Maximum Boom Length At 0° Boom Angle (ft)	Not for crane operations							



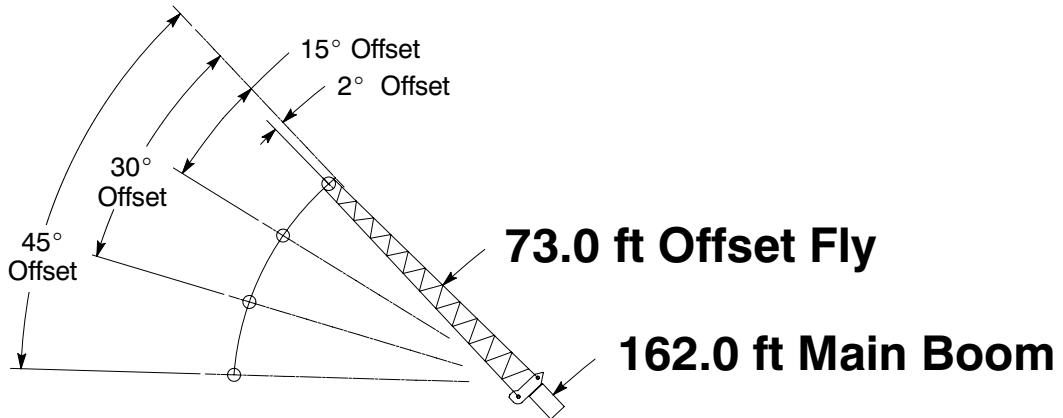
Rated Lifting Capacities In Pounds								
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
40	79.5	12,700						
45	78.0	12,500						
50	77.0	12,200						
55	76.0	12,000	79.0	10,500				
60	74.5	11,700	78.0	10,300				
65	73.5	11,500	76.5	10,000				
70	72.0	11,200	75.5	9,800	79.0	8,600		
75	71.0	11,000	74.0	9,600	77.5	8,400		
80	69.5	10,700	72.5	9,400	76.0	8,300	79.0	7,600
85	68.0	10,500	71.5	9,200	74.5	8,200	77.5	7,500
90	66.5	10,200	70.0	9,000	73.0	8,000	76.0	7,400
95	65.5	10,000	68.5	8,900	71.5	7,900	74.5	7,400
100	64.0	9,800	67.0	8,700	70.0	7,800	73.0	7,300
105	62.5	9,600	65.5	8,500	68.5	7,700	71.5	7,200
110	61.0	9,200	64.0	8,400	67.0	7,600	69.5	7,200
115	59.0	8,600	62.5	8,200	65.5	7,500	68.0	7,200
120	57.5	8,100	61.0	8,100	64.0	7,500	66.0	7,100
125	55.5	7,600	59.0	7,800	62.0	7,400	64.5	7,100
130	53.5	7,100	57.0	7,300	60.5	7,300	62.5	7,000
135	51.5	6,700	55.0	6,900	58.5	7,100	60.5	7,000
140	49.5	6,300	53.0	6,400	56.5	6,600	58.5	6,800
145	47.5	5,900	51.0	6,100	54.0	6,200	56.0	6,400
150	45.5	5,500	49.0	5,700	52.0	5,800	53.5	6,000
155	43.5	5,200	46.5	5,300	49.5	5,500	51.0	5,600
160	41.0	4,800	44.0	5,000	47.0	5,100	48.0	5,200
165	38.5	4,500	41.5	4,700	44.0	4,800	45.0	4,900
170	35.5	4,100	39.0	4,400	41.5	4,500		
175	32.5	3,700	36.0	3,900	38.0	4,100		
180	29.5	3,300	32.5	3,500	34.0	3,600		
185	25.5	2,900	28.5	3,100				
190	21.0	2,600	23.5	2,700				
195	13.5	2,300	15.0	2,300				
Min.Bm. Ang./Cap.	9.5		9.0		9.0		0.0	1,200
Radius (ft)	196.3		195.1		190.1		186.1	
Maximum Boom Length At 0° Boom Angle (ft)	146							

Not for crane operations

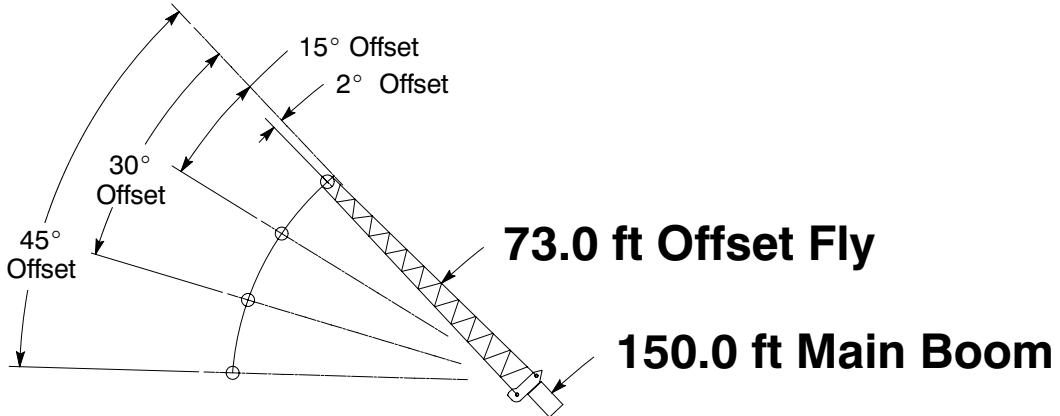


Rated Lifting Capacities In Pounds						43,000 lb			
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset		
	°	360°	°	360°	°	360°	°	360°	
35	78.5	15,300							
40	77.5	14,800							
45	76.0	14,300	79.5	12,000					
50	74.5	13,800	78.0	11,600					
55	73.0	13,300	76.5	11,200					
60	71.5	12,800	75.0	10,900	79.0	9,300			
65	69.5	12,400	73.5	10,500	77.5	9,100			
70	68.0	12,000	72.0	10,200	76.0	8,900	79.0	8,000	
75	66.5	11,600	70.0	9,900	74.0	8,700	77.5	7,800	
80	65.0	11,200	68.5	9,700	72.5	8,500	75.5	7,700	
85	63.0	10,800	67.0	9,400	70.5	8,300	74.0	7,600	
90	61.5	10,500	65.0	9,200	69.0	8,200	72.0	7,600	
95	59.5	10,200	63.0	9,000	67.0	8,000	70.0	7,500	
100	57.5	9,900	61.5	8,800	65.0	7,900	68.0	7,400	
105	55.5	9,600	59.5	8,600	63.0	7,800	66.0	7,400	
110	54.0	9,300	57.5	8,400	61.0	7,700	63.5	7,300	
115	51.5	9,100	55.5	8,200	59.0	7,600	61.5	7,300	
120	49.5	8,800	53.5	8,100	56.5	7,500	59.0	7,200	
125	47.5	8,400	51.0	7,900	54.5	7,500	56.5	7,200	
130	45.0	7,900	48.5	7,800	52.0	7,400	54.0	7,200	
135	42.5	7,400	46.5	7,600	49.5	7,300	51.0	7,200	
140	39.5	6,900	43.5	7,100	46.5	7,300	48.0	7,200	
145	36.5	6,400	40.5	6,700	43.5	6,900			
150	33.5	5,900	37.0	6,200	40.0	6,400			
155	30.0	5,300	33.5	5,600	35.5	5,800			
160	25.5	4,800	29.0	5,100	30.5	5,200			
165	20.5	4,400	24.0	4,500					
170	12.5	4,000							
Min.Bm. Ang./Cap.	0.0	2,500	0.0	2,600	0.0	2,800	0.0	4,300	
Radius (ft)	171.2		170.5		167.2		161.4		

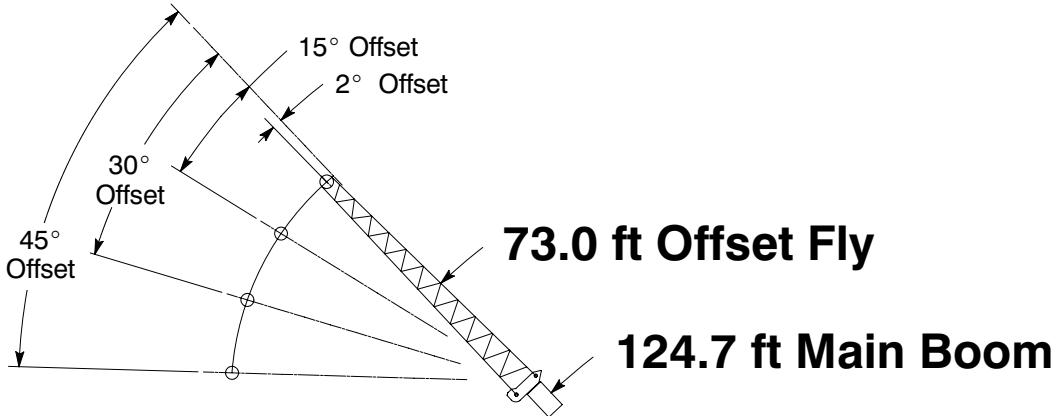
Not for crane operations



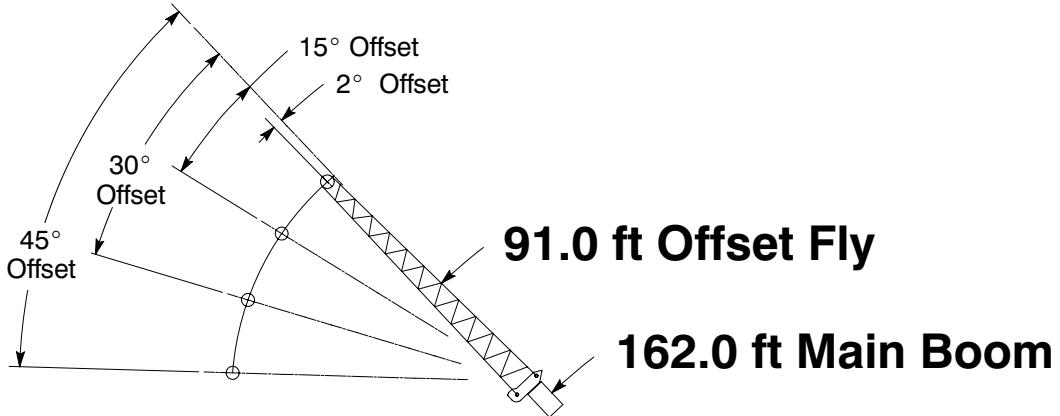
Rated Lifting Capacities In Pounds								
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
55	79.0	8,500						
60	78.0	8,500						
65	77.0	8,500						
70	76.0	8,500	79.0	8,500				
75	75.0	8,500	78.0	8,500				
80	74.0	8,500	77.0	8,500				
85	73.0	8,500	76.0	8,400	79.0	7,600		
90	72.0	8,500	74.5	8,300	77.5	7,500		
95	71.0	8,500	73.5	8,200	76.5	7,500	79.0	6,800
100	70.0	8,500	72.5	8,100	75.5	7,400	78.0	6,600
105	69.0	8,500	71.5	8,000	74.0	7,100	76.5	6,400
110	67.5	8,000	70.0	7,900	73.0	6,900	75.0	6,300
115	66.0	7,400	69.0	7,700	71.5	6,700	74.0	6,100
120	64.5	6,900	67.5	7,100	70.0	6,500	72.5	6,000
125	63.0	6,400	66.0	6,600	69.0	6,300	71.0	5,800
130	61.5	6,000	64.5	6,200	67.5	6,200	69.5	5,700
135	60.0	5,500	63.0	5,800	66.0	6,000	68.0	5,600
140	58.5	5,100	61.5	5,400	64.5	5,600	66.5	5,500
145	57.0	4,800	59.5	5,000	63.0	5,200	65.0	5,400
150	55.5	4,400	58.0	4,600	61.0	4,800	63.5	5,000
155	53.5	4,100	56.5	4,300	59.5	4,500	61.5	4,700
160	52.0	3,700	54.5	3,900	57.5	4,100	59.5	4,300
165	50.0	3,400	53.0	3,600	55.5	3,800	57.5	4,000
170	48.5	3,200	51.0	3,300	53.5	3,500	55.5	3,700
175	46.5	2,900	49.0	3,000	51.5	3,200	53.5	3,300
180	44.5	2,600	47.0	2,800	49.5	2,900	51.0	3,000
185	42.5	2,400	45.0	2,500	47.5	2,700	48.5	2,800
190	40.0	2,100	42.5	2,300	45.0	2,400	46.0	2,500
195	38.0	1,800	40.5	2,000	42.5	2,200		
200	35.5	1,500	38.0	1,700	40.0	1,900		
205	33.0	1,200	35.0	1,400	37.0	1,500		
210					33.5	1,200		
Min.Bm. Ang./Cap.	32.0		32.0		32.0		32.0	
Radius (ft)	206.7		210.0		211.7		210.0	
Maximum Boom Length At 0° Boom Angle (ft)	Not for crane operations							

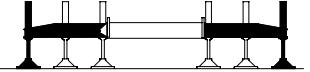
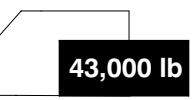


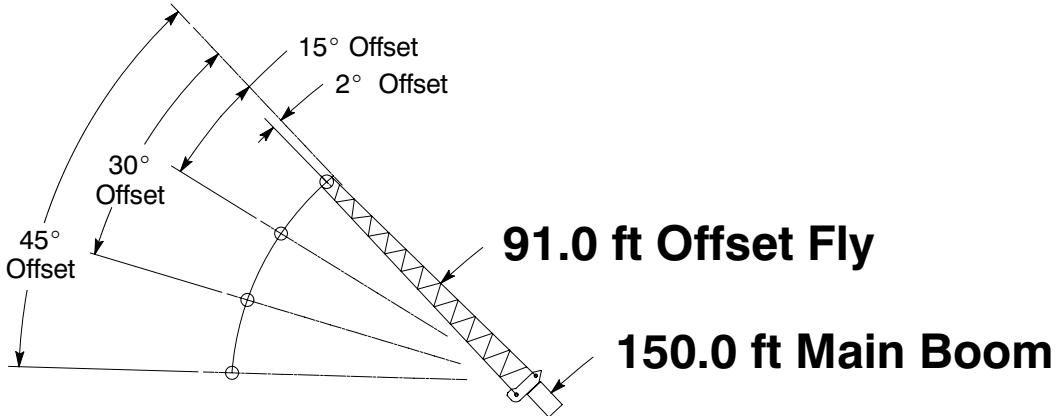
Rated Lifting Capacities In Pounds								
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
50	79.5	10,100						
55	78.5	10,100						
60	77.0	10,100						
65	76.0	10,100	79.0	9,400				
70	75.0	10,100	77.5	9,300				
75	74.0	10,000	76.5	9,100				
80	73.0	9,800	75.5	9,000	78.5	8,100		
85	71.5	9,700	74.0	8,900	77.5	7,900		
90	70.5	9,600	73.0	8,700	76.0	7,800	79.0	7,100
95	69.5	9,400	72.0	8,600	75.0	7,700	77.5	6,900
100	68.0	9,300	70.5	8,500	73.5	7,400	76.0	6,700
105	67.0	9,100	69.0	8,200	72.0	7,200	74.5	6,500
110	65.5	8,600	68.0	7,900	70.5	6,900	73.0	6,300
115	64.0	8,000	66.5	7,700	69.5	6,700	71.5	6,200
120	62.0	7,500	65.0	7,400	68.0	6,500	70.0	6,000
125	60.5	7,000	63.5	7,200	66.5	6,400	68.5	5,900
130	59.0	6,500	62.0	6,700	64.5	6,200	67.0	5,800
135	57.5	6,100	60.0	6,300	63.0	6,000	65.5	5,600
140	55.5	5,700	58.5	5,900	61.5	5,900	63.5	5,500
145	54.0	5,300	56.5	5,500	60.0	5,700	62.0	5,400
150	52.0	4,900	55.0	5,100	58.0	5,300	60.0	5,400
155	50.0	4,600	53.0	4,800	56.0	5,000	58.0	5,100
160	48.5	4,300	51.0	4,400	54.0	4,600	56.0	4,800
165	46.5	4,000	49.0	4,100	52.0	4,300	53.5	4,400
170	44.0	3,700	47.0	3,800	49.5	4,000	51.0	4,100
175	42.0	3,400	44.5	3,600	47.5	3,700	48.5	3,800
180	39.5	3,000	42.5	3,300	45.0	3,400	46.0	3,500
185	37.0	2,700	40.0	2,900	42.0	3,100	43.0	3,200
190	34.5	2,300	37.0	2,500	39.0	2,700		
195	31.5	2,000	34.0	2,200	36.0	2,300		
200	28.5	1,700	30.5	1,900	32.0	1,900		
205	24.5	1,400	27.0	1,500				
210	19.5	1,200	21.5	1,200				
Min.Bm. Ang./Cap.	14.0		15.0		8.0		0.0	1,200
Radius (ft)	212.2		211.8		209.0		203.3	
Maximum Boom Length At 0° Boom Angle (ft)	Not for crane operations							



Rated Lifting Capacities In Pounds									
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset		
	°	360°	°	360°	°	360°	°	360°	
40	79.5	13,200							
45	78.0	12,900							
50	77.0	12,600							
55	75.5	12,300	78.5	10,900					
60	74.5	12,000	77.0	10,600					
65	73.0	11,700	76.0	10,400	79.5	9,000			
70	71.5	11,400	74.5	10,100	78.0	8,800			
75	70.0	11,200	73.0	9,900	76.5	8,600			
80	68.5	10,900	71.5	9,700	75.0	8,500	78.0	7,700	
85	67.0	10,600	70.0	9,500	73.5	8,300	76.5	7,500	
90	65.5	10,300	68.5	9,200	72.0	8,000	75.0	7,300	
95	64.0	9,900	67.0	8,800	70.5	7,700	73.5	7,100	
100	62.5	9,400	65.5	8,400	68.5	7,400	71.5	6,800	
105	61.0	9,000	63.5	8,100	67.0	7,200	70.0	6,600	
110	59.0	8,600	62.0	7,800	65.5	7,000	68.0	6,500	
115	57.5	8,300	60.0	7,500	63.5	6,700	66.0	6,300	
120	55.5	7,900	58.5	7,200	61.5	6,500	64.0	6,100	
125	53.5	7,600	56.5	7,000	59.5	6,300	62.0	6,000	
130	52.0	7,300	54.5	6,700	58.0	6,200	60.0	5,800	
135	50.0	7,000	52.5	6,500	55.5	6,000	58.0	5,700	
140	47.5	6,500	50.5	6,300	53.5	5,900	55.5	5,600	
145	45.5	6,100	48.5	6,200	51.5	5,700	53.0	5,600	
150	43.0	5,700	46.0	5,900	49.0	5,600	50.5	5,500	
155	40.5	5,200	43.5	5,500	46.5	5,500	48.0	5,400	
160	38.0	4,700	41.0	5,000	43.5	5,300	45.0	5,400	
165	35.0	4,300	38.0	4,500	40.5	4,800			
170	31.5	3,800	34.5	4,100	37.0	4,300			
175	28.0	3,400	31.0	3,600	33.0	3,800			
180	24.0	3,000	26.5	3,200					
185	18.5	2,700	21.0	2,800					
Min.Bm. Ang./Cap.	0.0	2,100	0.0	2,200	0.0	2,400	0.0	2,700	
Radius (ft)	189.2	188.2	188.2	184.7	184.7	184.7	184.7	178.5	

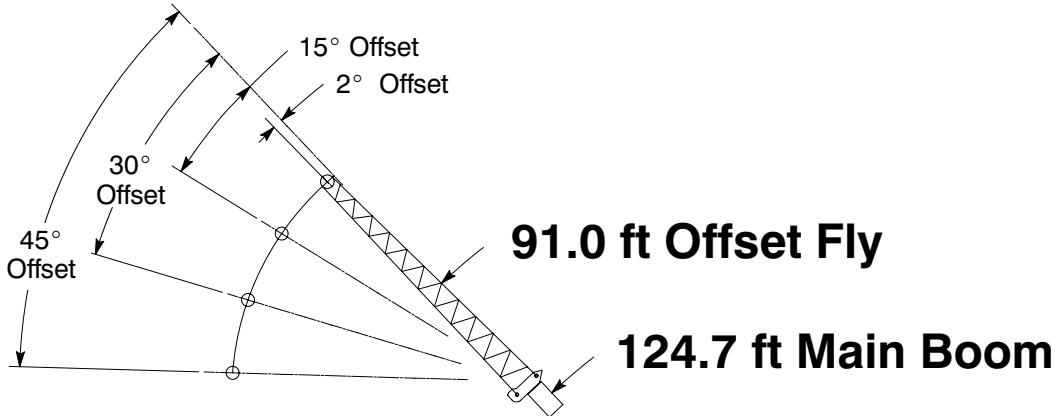


Rated Lifting Capacities In Pounds								
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
60	79.5	6,500						
65	78.5	6,500						
70	77.5	6,500						
75	76.5	6,500	79.0	6,500				
80	76.0	6,500	78.5	6,500				
85	75.0	6,500	77.5	6,500				
90	74.0	6,500	76.5	6,500	79.5	6,100		
95	73.0	6,500	75.5	6,500	78.0	5,900		
100	72.0	6,500	74.5	6,300	77.0	5,600	79.5	5,200
105	71.0	6,500	73.5	6,000	76.0	5,400	78.0	5,000
110	70.0	6,400	72.0	5,800	75.0	5,200	77.0	4,800
115	69.0	6,100	71.0	5,500	73.5	5,000	76.0	4,600
120	67.5	5,800	70.0	5,300	72.5	4,800	74.5	4,500
125	66.5	5,500	68.5	5,100	71.0	4,600	73.5	4,300
130	65.0	5,100	67.5	4,900	70.0	4,400	72.0	4,200
135	63.5	4,700	66.0	4,700	68.5	4,300	70.5	4,000
140	62.5	4,300	65.0	4,500	67.5	4,100	69.5	3,900
145	61.0	4,000	63.5	4,200	66.0	4,000	68.0	3,800
150	59.5	3,600	62.0	3,900	64.5	3,900	66.5	3,700
155	58.0	3,300	60.5	3,500	63.5	3,700	65.0	3,600
160	56.5	3,000	59.0	3,200	62.0	3,500	63.5	3,500
165	55.0	2,700	57.5	2,900	60.0	3,200	62.0	3,400
170	53.5	2,500	56.0	2,700	58.5	2,900	60.5	3,100
175	51.5	2,200	54.0	2,400	57.0	2,600	58.5	2,800
180	50.0	2,000	52.5	2,100	55.0	2,300	57.0	2,500
185	48.5	1,700	50.5	1,900	53.5	2,100	55.0	2,200
190	46.5	1,500	49.0	1,700	51.5	1,800	53.0	1,900
195	44.5	1,300	47.0	1,400	49.5	1,600	51.0	1,700
200			45.0	1,200	47.5	1,400	48.5	1,400
205							46.5	1,200
Min.Bm. Ang./Cap.	43.0		44.5		45.5		45.5	
Radius (ft)	200.0		202.5		205.0		207.5	
Maximum Boom Length At 0° Boom Angle (ft)	Not for crane operations							132

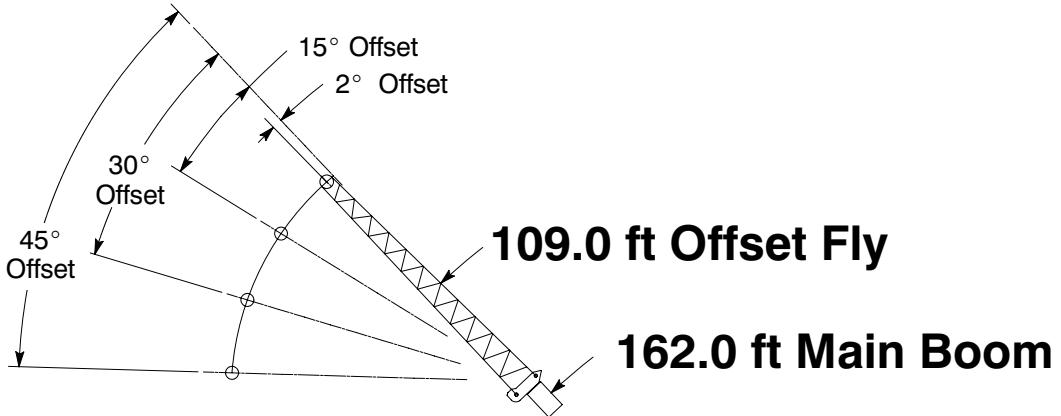


Rated Lifting Capacities In Pounds								
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
55	79.5	7,500						
60	78.5	7,500						
65	77.5	7,500						
70	76.5	7,500	79.5	7,500				
75	75.5	7,500	78.5	7,500				
80	74.5	7,500	77.5	7,500				
85	74.0	7,500	76.0	7,300	79.0	6,500		
90	72.5	7,500	75.0	7,000	78.0	6,200		
95	71.5	7,300	74.0	6,600	76.5	5,900	79.0	5,500
100	70.5	7,000	72.5	6,300	75.5	5,700	78.0	5,300
105	69.0	6,600	71.5	6,000	74.0	5,500	76.5	5,100
110	68.0	6,300	70.0	5,800	73.0	5,200	75.5	4,900
115	66.5	6,100	69.0	5,500	71.5	5,000	74.0	4,700
120	65.5	5,800	67.5	5,300	70.5	4,800	72.5	4,500
125	64.0	5,500	66.0	5,100	69.0	4,600	71.0	4,400
130	62.5	5,300	65.0	4,900	67.5	4,500	70.0	4,200
135	61.0	5,100	63.5	4,700	66.0	4,300	68.5	4,100
140	60.0	4,900	62.0	4,500	65.0	4,100	67.0	3,900
145	58.5	4,600	60.5	4,400	63.5	4,000	65.5	3,800
150	56.5	4,300	59.0	4,200	62.0	3,900	64.0	3,700
155	55.0	4,000	57.5	4,000	60.5	3,700	62.0	3,600
160	53.5	3,700	56.0	3,800	58.5	3,600	60.5	3,500
165	52.0	3,400	54.5	3,500	57.0	3,500	59.0	3,400
170	50.0	3,100	52.5	3,300	55.5	3,400	57.0	3,300
175	48.5	2,800	51.0	3,000	53.5	3,200	55.0	3,300
180	46.5	2,600	49.0	2,700	51.5	2,900	53.0	3,000
185	44.5	2,400	47.0	2,500	49.5	2,700	51.0	2,800
190	42.5	2,200	45.0	2,300	47.5	2,400	48.5	2,500
195	40.5	1,900	43.0	2,100	45.0	2,200	46.0	2,300
200	38.0	1,700	40.5	1,800	43.0	2,000		
205	35.5	1,400	38.0	1,600	40.0	1,700		
210			35.5	1,300	37.5	1,500		
Min.Bm. Ang./Cap.	33.0		33.5		34.0		34.0	
Radius (ft)	210.0		213.3		215.0		213.8	
Maximum Boom Length At 0° Boom Angle (ft)	130							

Not for crane operations

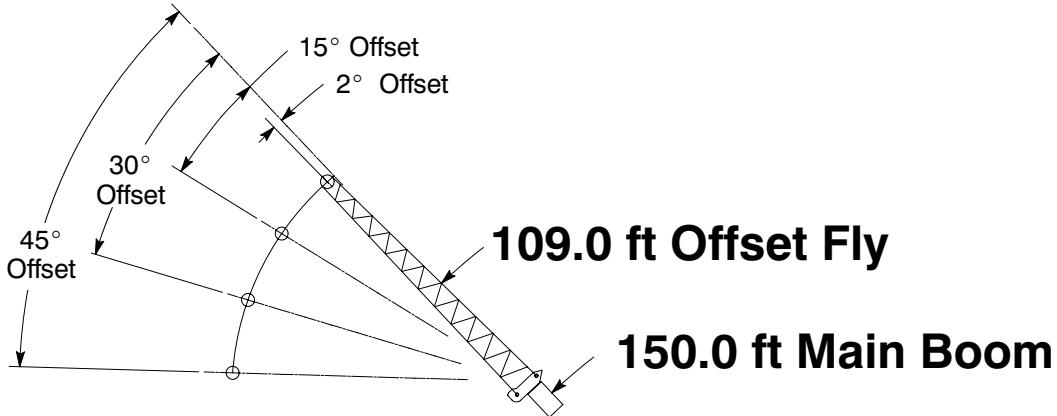


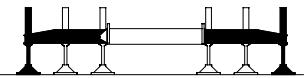
Rated Lifting Capacities In Pounds							
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset
	°	360°	°	360°	°	360°	°
50	78.5	10,700					
55	77.5	10,700					
60	76.5	10,700	79.0	9,900			
65	75.0	10,400	77.5	9,400			
70	73.5	9,700	76.5	8,900			
75	72.5	9,200	75.0	8,400	78.5	7,500	
80	71.0	8,600	73.5	7,900	77.0	7,200	
85	69.5	8,100	72.5	7,500	75.5	6,800	78.5
90	68.0	7,700	71.0	7,100	74.0	6,500	77.0
95	67.0	7,300	69.5	6,700	72.5	6,200	75.5
100	65.5	6,900	68.0	6,400	71.5	5,900	74.0
105	64.0	6,600	66.5	6,100	69.5	5,600	72.5
110	62.5	6,200	65.0	5,800	68.0	5,400	71.0
115	61.0	5,900	63.5	5,500	66.5	5,100	69.0
120	59.5	5,700	62.0	5,300	65.0	4,900	67.5
125	57.5	5,400	60.5	5,100	63.5	4,700	66.0
130	56.0	5,200	58.5	4,800	62.0	4,500	64.0
135	54.5	4,900	57.0	4,600	60.0	4,300	62.5
140	52.5	4,700	55.5	4,400	58.5	4,200	60.5
145	51.0	4,500	53.5	4,300	56.5	4,000	58.5
150	49.0	4,400	51.5	4,100	54.5	3,900	56.5
155	47.0	4,200	50.0	4,000	52.5	3,800	54.5
160	45.0	4,000	48.0	3,800	50.5	3,600	52.0
165	43.0	3,900	45.5	3,700	48.5	3,500	50.0
170	41.0	3,700	43.5	3,600	46.0	3,500	47.5
175	38.5	3,400	41.0	3,500	43.5	3,400	
180	35.5	3,000	38.5	3,300	41.0	3,300	
185	33.0	2,600	35.5	2,900	38.0	3,100	
190	30.0	2,300	32.5	2,500	34.5	2,600	
195	26.0	2,000	28.5	2,100	30.0	2,200	
200	22.0	1,700	24.5	1,800			
205	15.5	1,400	17.5	1,500			
Min.Bm. Ang./Cap.	11.5		12.0		10.0		0.0
Radius (ft)	207.1		206.2		201.6		194.0
Maximum Boom Length At 0° Boom Angle (ft)	Not for crane operations						

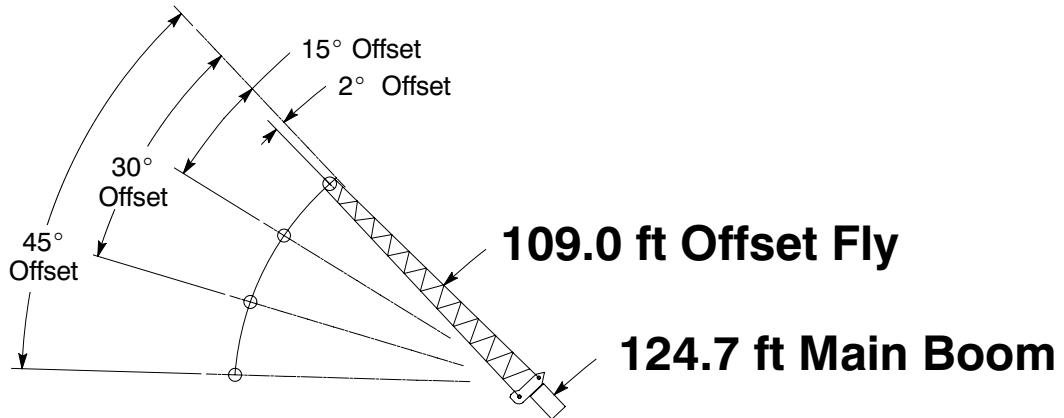


Rated Lifting Capacities In Pounds								
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
65	79.5	5,000						
70	79.0	5,000						
75	78.0	5,000						
80	77.5	5,000						
85	76.5	5,000	79.0	5,000				
90	76.0	5,000	78.0	5,000				
95	75.0	5,000	77.0	4,900				
100	74.0	5,000	76.0	4,600	78.5	4,200		
105	73.0	4,700	75.0	4,400	77.5	4,000		
110	72.0	4,500	74.0	4,100	76.5	3,800	78.5	3,500
115	71.0	4,200	73.0	3,900	75.5	3,600	77.5	3,400
120	70.0	4,000	72.0	3,700	74.5	3,400	76.5	3,200
125	68.5	3,800	70.5	3,500	73.0	3,200	75.5	3,000
130	67.5	3,600	69.5	3,300	72.0	3,000	74.0	2,900
135	66.5	3,400	68.5	3,200	71.0	2,900	73.0	2,700
140	65.5	3,200	67.5	3,000	70.0	2,700	72.0	2,600
145	64.0	3,100	66.0	2,800	68.5	2,600	70.5	2,400
150	63.0	2,900	65.0	2,700	67.5	2,500	69.5	2,300
155	61.5	2,600	64.0	2,600	66.0	2,300	68.0	2,200
160	60.0	2,300	62.5	2,400	65.0	2,200	67.0	2,100
165	59.0	2,000	61.5	2,200	63.5	2,100	65.5	2,000
170	57.5	1,800	60.0	2,000	62.5	2,000	64.0	1,900
175	56.0	1,500	58.5	1,700	61.0	1,900	62.5	1,800
180	54.5	1,300	57.0	1,500	59.5	1,700	61.5	1,700
185			55.5	1,200	58.0	1,400	60.0	1,600
190					56.5	1,200	58.0	1,300
Min.Bm. Ang./Cap.	53.0		55.0		56.0		56.5	
Radius (ft)	185.0		187.5		192.5		195.0	
Maximum Boom Length At 0° Boom Angle (ft)	104							

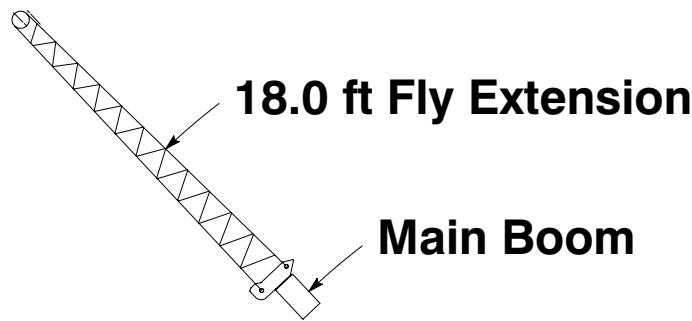
Not for crane operations

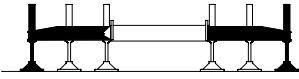
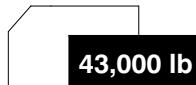


Rated Lifting Capacities In Pounds				 43,000 lb				
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
65	79.0	5,800						
70	78.0	5,800						
75	77.0	5,800						
80	76.5	5,800	79.0	5,800				
85	75.5	5,800	77.5	5,500				
90	74.5	5,600	76.5	5,200	79.5	4,800		
95	73.5	5,300	75.5	4,900	78.0	4,500		
100	72.0	5,000	74.5	4,700	77.0	4,300	79.5	4,100
105	71.0	4,700	73.5	4,400	76.0	4,100	78.5	3,800
110	70.0	4,500	72.0	4,200	75.0	3,800	77.0	3,600
115	69.0	4,200	71.0	3,900	73.5	3,600	76.0	3,400
120	67.5	4,000	70.0	3,700	72.5	3,400	74.5	3,300
125	66.5	3,800	68.5	3,500	71.5	3,300	73.5	3,100
130	65.5	3,600	67.5	3,300	70.0	3,100	72.0	2,900
135	64.0	3,400	66.0	3,200	69.0	2,900	71.0	2,800
140	63.0	3,200	65.0	3,000	67.5	2,800	69.5	2,600
145	61.5	3,100	63.5	2,800	66.5	2,600	68.5	2,500
150	60.0	2,900	62.5	2,700	65.0	2,500	67.0	2,400
155	59.0	2,800	61.0	2,600	63.5	2,400	65.5	2,300
160	57.5	2,600	59.5	2,400	62.0	2,200	64.0	2,200
165	56.0	2,500	58.5	2,300	61.0	2,100	62.5	2,000
170	55.0	2,400	57.0	2,200	59.5	2,000	61.0	1,900
175	53.0	2,100	55.5	2,100	58.0	1,900	59.5	1,900
180	51.5	1,900	54.0	2,000	56.5	1,800	58.0	1,800
185	50.0	1,700	52.5	1,800	55.0	1,800	56.5	1,700
190	48.5	1,500	51.0	1,600	53.0	1,700	54.5	1,600
195	46.5	1,300	49.0	1,400	51.5	1,500	53.0	1,600
200			47.0	1,200	49.5	1,300	51.0	1,400
205							48.5	1,200
Min.Bm. Ang./Cap.	45.0		46.5		47.5		47.5	
Radius (ft)	200.0		202.5		205.0		207.5	
Maximum Boom Length At 0° Boom Angle (ft)	Not for crane operations							



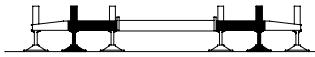
Rated Lifting Capacities In Pounds									
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset		
	°	360°	°	360°	°	360°	°	360°	
55	78.5	8,300							
60	77.5	8,300							
65	76.5	8,100	79.0	7,600					
70	75.5	7,500	78.0	7,100					
75	74.0	7,000	76.5	6,600					
80	73.0	6,600	75.5	6,200	78.5	5,800			
85	71.5	6,200	74.0	5,800	77.5	5,500			
90	70.5	5,800	73.0	5,500	76.0	5,100	78.5	4,900	
95	69.0	5,400	71.5	5,100	74.5	4,800	77.5	4,600	
100	68.0	5,100	70.5	4,800	73.5	4,500	76.0	4,400	
105	66.5	4,800	69.0	4,500	72.0	4,300	74.5	4,100	
110	65.0	4,500	67.5	4,300	70.5	4,000	73.0	3,900	
115	64.0	4,300	66.5	4,000	69.5	3,800	72.0	3,700	
120	62.5	4,000	65.0	3,800	68.0	3,600	70.5	3,500	
125	61.0	3,800	63.5	3,600	66.5	3,400	69.0	3,300	
130	59.5	3,600	62.0	3,400	65.0	3,200	67.5	3,100	
135	58.0	3,400	60.5	3,200	63.5	3,000	66.0	2,900	
140	56.5	3,200	59.0	3,000	62.0	2,800	64.0	2,800	
145	55.0	3,000	57.5	2,800	60.5	2,700	62.5	2,600	
150	53.5	2,800	56.0	2,700	59.0	2,500	61.0	2,500	
155	52.0	2,700	54.5	2,500	57.0	2,400	59.0	2,400	
160	50.5	2,600	53.0	2,400	55.5	2,300	57.5	2,200	
165	48.5	2,400	51.0	2,300	53.5	2,200	55.5	2,100	
170	47.0	2,300	49.5	2,200	52.0	2,100	53.5	2,000	
175	45.0	2,200	47.5	2,100	50.0	2,000	51.5	1,900	
180	43.0	2,100	45.5	2,000	48.0	1,900	49.5	1,900	
185	41.0	2,000	43.5	1,900	46.0	1,800	47.0	1,800	
190	39.0	1,900	41.5	1,800	43.5	1,700			
195	36.5	1,800	39.0	1,700	41.0	1,700			
200	34.0	1,600	36.5	1,700	38.5	1,600			
205	31.5	1,300	34.0	1,500	35.5	1,600			
210			30.5	1,200	32.0	1,300			
Min.Bm. Ang./Cap.	29.5		29.5		30.0		30.5		
Radius (ft)	208.3		211.7		212.5		210.0		
Maximum Boom Length At 0° Boom Angle (ft)	95								



Rated Lifting Capacities In Pounds		 Full		 43,000 lb	
Load Radius (ft)	162 ft Boom	150 ft Boom		124.7 ft Boom	
		Boom Mode EM1	Boom Mode EM2	Boom Mode EM3	Boom Mode EM3
25				79.0	34,500
30				77.5	34,500
35	78.0	17,000	78.0	25,200	75.5
40	77.0	17,000	77.0	25,200	73.5
45	75.5	17,000	75.5	25,200	71.5
50	74.0	17,000	74.0	24,600	69.5
55	73.0	17,000	72.0	22,600	67.0
60	71.5	17,000	70.0	21,000	65.0
65	70.0	17,000	68.5	19,500	62.5
70	68.5	17,000	66.5	18,100	60.5
75	67.0	16,000	64.5	16,900	58.0
80	65.0	14,900	62.5	15,700	55.5
85	63.0	13,900	60.5	14,700	52.5
90	61.5	12,900	58.5	13,700	50.0
95	59.5	12,100	56.5	12,800	47.0
100	57.5	11,300	54.0	11,900	44.0
105	55.5	10,600	52.0	11,100	41.0
110	53.5	9,900	49.5	10,400	37.5
115	51.0	9,300	47.0	9,700	33.5
120	49.0	8,600	44.5	9,000	29.5
125	46.5	8,000	41.5	8,400	24.0
130	44.0	7,500	38.5	7,900	17.5
135	41.5	7,000	35.5	7,300	
140	39.0	6,500	32.0	6,600	
145	36.0	6,000	28.0	6,000	
150	32.5	5,400	23.5	5,400	
155	29.0	4,900	17.0	4,900	
160	24.5	4,400			
165	19.5	3,900			
170	11.5	3,500			
Min.Bm. Ang./Cap.	0.0	1,500	0.0	2,700	0.0
Radius (ft)	171.5		159.5		134.2

Not for crane operations

**Rated Lifting Capacities
In Pounds**



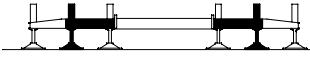
Intermediate

0 lb



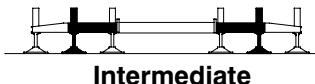
Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°
10	69.0	223,800	74.5	77,300	77.5	51,000		
12	66.0	196,500	72.5	77,300	76.5	51,000		
15	61.0	127,200	69.0	77,300	74.0	51,000	76.5	51,200
20	52.0	61,300	63.0	66,900	69.5	51,000	73.5	51,200
25	41.5	36,800	56.5	42,100	64.5	44,900	70.0	45,700
30	27.0	24,100	49.5	29,100	60.0	31,800	66.0	32,500
35			41.5	21,000	54.5	23,800	62.0	24,400
40			32.0	15,600	49.0	18,200	58.0	19,000
45			17.5	11,600	43.0	14,200	53.5	15,100
50					36.5	11,200	49.0	12,100
55					28.0	8,800	44.0	9,700
60					15.0	6,900	39.0	7,700
65							32.5	6,200
70							25.0	4,800
75							13.0	3,700
Min.Bm. Ang./Cap.	0.0	19,100	0.0	10,600	0.0	6,400	0.0	3,500
Radius (ft)	32.8		46.5		61.5		76.5	

Load Radius (ft)	100.0 ft		115.0 ft		130.0 ft	
	24°	360°	24°	360°	24°	360°
20	76.0	47,900				
25	73.5	46,200	76.0	45,700	77.5	37,100
30	70.0	33,000	73.0	32,600	75.5	32,300
35	66.5	24,900	70.0	24,500	73.0	24,200
40	63.5	19,400	67.5	19,000	70.0	18,700
45	60.0	15,600	64.5	15,300	67.5	15,000
50	56.5	12,600	61.5	12,300	65.0	12,000
55	52.5	10,200	58.5	10,000	62.5	9,700
60	49.0	8,300	55.5	8,100	60.0	7,900
65	44.5	6,700	52.0	6,500	57.5	6,300
70	40.5	5,400	49.0	5,200	54.5	5,100
75	35.5	4,200	45.0	4,100	51.5	3,900
80	29.5	3,300	41.5	3,100	48.5	3,000
85	22.5	2,500	37.5	2,300	45.5	2,100
90	12.0	1,700	33.0	1,500	42.0	1,400
Min.Bm. Ang./Cap.	0.0	1,600	29.5		40.5	
Radius (ft)	91.5		93.3		92.5	

Rated Lifting Capacities In Pounds							0 lb	EM 2
Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°
10	69.0	223,800	74.5	77,300	78.0	67,800		
12	66.0	196,500	72.5	77,300	76.5	67,800		
15	61.0	127,200	69.0	77,300	74.0	67,800	77.0	68,100
20	52.0	61,300	63.0	66,900	69.5	67,800	74.0	66,100
25	41.5	36,800	56.5	42,100	64.5	44,700	70.0	45,500
30	27.0	24,100	49.5	29,100	60.0	31,600	66.0	32,400
35			41.5	21,000	54.5	23,600	62.0	24,300
40			32.0	15,600	49.0	18,000	58.0	18,800
45			17.5	11,600	43.0	14,100	53.5	15,000
50					36.5	11,000	49.0	11,900
55					28.0	8,700	44.0	9,500
60					15.0	6,800	39.0	7,600
65							32.5	6,000
70							25.0	4,700
75							13.5	3,600
Min.Bm. Ang./Cap.	0.0	19,100	0.0	10,600	0.0	6,300	0.0	3,300
Radius (ft)	32.8		46.5		61.5		76.5	

Load Radius (ft)	100.0 ft		115.0 ft		130.0 ft	
	24°	360°	24°	360°	24°	360°
20	76.5	60,000				
25	73.5	45,600	76.0	45,200	78.0	44,500
30	70.0	32,500	73.0	32,200	75.5	31,500
35	67.0	24,400	70.5	24,100	73.0	23,500
40	63.5	18,900	67.5	18,600	70.5	18,100
45	60.0	15,200	64.5	14,900	68.0	14,400
50	56.5	12,200	61.5	11,900	65.5	11,400
55	53.0	9,800	58.5	9,600	63.0	9,100
60	49.0	7,900	55.5	7,800	60.0	7,300
65	45.0	6,300	52.5	6,200	57.5	5,800
70	40.5	5,000	49.0	4,900	54.5	4,500
75	35.5	3,900	45.5	3,800	52.0	3,400
80	30.0	2,900	41.5	2,800	49.0	2,400
85	23.0	2,100	37.5	2,000	45.5	1,600
90	12.0	1,400	33.0	1,200		
Min.Bm. Ang./Cap.	0.0	1,200	32.0		44.0	
Radius (ft)	91.5		90.8		87.5	

**Rated Lifting Capacities
In Pounds**



Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft	
	24°	360°	24°	360°	24°	360°
10	69.0	223,800	74.5	73,800	78.0	68,700
12	66.0	196,500	72.5	73,800	76.5	68,700
15	61.0	127,200	69.0	73,800	74.0	68,700
20	52.0	61,300	63.0	66,900	69.5	68,600
25	41.5	36,800	56.5	42,100	64.5	43,500
30	27.0	24,100	49.5	29,000	60.0	30,600
35			41.5	20,900	54.5	22,700
40			32.0	15,500	49.0	17,200
45			17.5	11,600	43.0	13,200
50					36.5	10,200
55					28.0	7,800
60					15.0	5,900
Min.Bm. Ang./Cap.	0.0	19,100	0.0	10,600	0.0	5,500
Radius (ft)	32.8		46.5		61.5	

Load Radius (ft)	85.0 ft		100.0 ft		115.0 ft	
	24°	360°	24°	360°	24°	360°
15	77.0	69,100				
20	73.5	68,500	76.5	61,000		
25	69.5	43,400	73.0	43,100	76.0	42,200
30	66.0	30,600	70.0	30,300	73.0	29,500
35	62.0	22,600	66.5	22,300	70.5	21,600
40	58.0	17,200	63.5	17,100	67.5	16,400
45	53.5	13,500	60.0	13,300	64.5	12,600
50	49.0	10,400	56.5	10,400	61.5	9,700
55	44.0	8,100	53.0	8,000	58.5	7,500
60	39.0	6,200	49.0	6,100	55.5	5,700
65	32.5	4,600	45.0	4,600	52.5	4,100
70	25.0	3,300	40.5	3,300	49.0	2,800
75	13.5	2,200	35.5	2,200	45.5	1,700
Min.Bm. Ang./Cap.	0.0	2,000	30.0		44.0	
Radius (ft)	76.5		79.9		76.7	

Not for crane operations

**Rated Lifting Capacities
In Pounds**

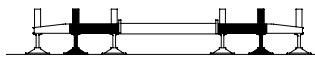


Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft	
	24°	360°	24°	360°	24°	360°
10	69.0	223,800	74.5	73,800	78.0	68,700
12	66.0	196,500	72.5	73,800	76.5	68,700
15	61.0	127,200	69.0	73,800	74.0	68,700
20	52.0	61,300	63.0	66,900	69.5	68,600
25	41.5	36,800	56.5	42,100	64.5	43,500
30	27.0	24,100	49.5	29,000	60.0	30,600
35			41.5	20,900	54.5	22,700
40			32.0	15,500	49.0	17,200
45			17.5	11,600	43.0	13,200
50					36.5	10,200
55					28.0	7,800
60					15.0	5,900
Min.Bm. Ang./Cap.	0.0	19,100	0.0	10,600	0.0	5,500
Radius (ft)	32.8		46.5		61.5	

Load Radius (ft)	85.0 ft		100.0 ft		112.0 ft	
	24°	360°	24°	360°	24°	360°
15	77.0	64,900				
20	73.5	64,900	76.5	65,200	78.5	56,400
25	69.5	43,300	73.5	42,300	75.5	41,600
30	66.0	30,500	70.0	29,500	72.5	28,900
35	62.0	22,500	66.5	21,600	69.5	21,100
40	58.0	17,200	63.5	16,500	66.5	16,000
45	53.5	13,400	60.0	12,600	63.5	12,200
50	49.0	10,300	56.5	9,700	60.5	9,300
55	44.0	8,000	53.0	7,400	57.5	7,000
60	39.0	6,100	49.0	5,500	54.5	5,200
65	32.5	4,500	45.0	4,000	51.0	3,700
70	25.0	3,200	40.5	2,700	47.5	2,400
75	13.5	2,200	35.5	1,600		
Min.Bm. Ang./Cap.	0.0	1,900	34.0		44.5	
Radius (ft)	76.5		76.4		74.5	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



Intermediate



0 lb



Load Radius (ft)	41.4 ft		55.5 ft	
	24°	360°	24°	360°
10	69.0	223,800	74.5	157,000
12	66.0	196,500	72.5	157,000
15	61.0	127,200	69.0	132,600
20	52.0	61,300	63.0	65,300
25	41.5	36,800	57.0	40,800
30	27.0	24,100	50.0	27,900
35			42.5	19,900
40			33.0	14,500
45			19.5	10,600
Min.Bm. Ang./Cap.	0.0	19,100	0.0	9,300
Radius (ft)	32.8		47.0	

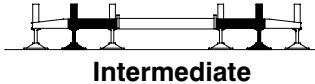
Load Radius (ft)	70.4 ft		86.2 ft	
	24°	360°	24°	360°
10	78.5	151,100		
12	77.0	150,200		
15	74.5	133,500	78.0	105,500
20	69.5	65,900	74.0	64,800
25	65.0	41,300	70.0	40,400
30	60.0	28,600	66.5	27,800
35	55.0	20,800	62.5	20,100
40	49.5	15,500	58.5	15,000
45	43.5	11,500	54.5	11,200
50	37.0	8,600	50.0	8,200
55	28.5	6,200	45.0	5,900
60	16.5	4,400	40.0	4,100
65			34.0	2,500
Min.Bm. Ang./Cap.	0.0	3,800	29.0	
Radius (ft)	61.9		68.6	

Not for crane operations

**This Page Left Blank
Intentionally**

Not for crane operations

**Rated Lifting Capacities
In Pounds**



14,000 lb

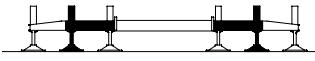


Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft		100.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°	24°	360°
10	69.0	227,400	74.5	77,300	77.5	51,000				
12	66.0	202,700	72.5	77,300	76.5	51,000				
15	61.0	165,500	69.0	77,300	74.0	51,000	76.5	51,200		
20	52.0	84,000	63.0	77,300	69.5	51,000	73.5	51,200	76.0	47,900
25	41.5	52,300	56.5	57,500	65.0	51,000	70.0	51,200	73.5	47,900
30	27.0	35,800	49.5	40,700	60.0	43,500	66.5	44,100	70.5	43,600
35			41.5	30,400	55.0	33,200	62.5	33,900	67.0	34,300
40			32.0	23,400	49.5	26,100	58.0	26,900	63.5	27,300
45			17.5	18,400	43.5	21,000	54.0	21,800	60.5	22,200
50					36.5	17,200	49.5	17,900	56.5	18,400
55					28.0	14,100	44.5	15,000	53.0	15,500
60					15.0	11,700	39.0	12,500	49.0	13,100
65							33.0	10,500	45.0	11,000
70							25.0	8,800	40.5	9,400
75							13.5	7,400	35.5	7,900
80									30.0	6,700
85									23.0	5,700
90									12.0	4,800
Min.Bm. Ang./Cap.	0.0	29,400	0.0	17,200	0.0	11,100	0.0	7,100	0.0	4,500
Radius (ft)	32.8		46.5		61.5		76.5		91.5	

Load Radius (ft)	115.0 ft		130.0 ft		145.0 ft		155.0 ft		162.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°	24°	360°
25	76.0	48,100	77.5	37,100						
30	73.5	44,100	75.5	37,100	77.5	32,800				
35	70.5	33,900	73.5	33,600	75.5	32,800	77.0	28,900	77.0	26,100
40	68.0	26,900	71.0	26,600	73.5	25,900	75.0	25,400	75.5	25,200
45	65.0	21,900	68.0	21,600	71.0	20,900	72.5	20,500	73.5	20,200
50	62.0	18,100	65.5	17,800	68.5	17,100	70.5	16,900	71.5	16,700
55	59.0	15,300	63.0	15,000	66.5	14,400	68.5	14,000	69.5	13,700
60	56.0	12,900	60.5	12,700	64.0	12,000	66.0	11,600	67.5	11,400
65	52.5	10,900	57.5	10,700	62.0	10,100	64.0	9,700	65.5	9,500
70	49.0	9,200	55.0	9,100	59.5	8,400	62.0	8,100	63.0	7,800
75	45.5	7,800	52.0	7,600	57.0	7,100	59.5	6,700	61.0	6,500
80	42.0	6,500	49.0	6,400	54.5	5,900	57.5	5,500	59.0	5,300
85	37.5	5,500	46.0	5,300	52.0	4,800	55.0	4,500	56.5	4,300
90	33.0	4,600	42.5	4,400	49.0	3,900	52.5	3,600	54.5	3,400
95	28.0	3,700	39.0	3,600	46.5	3,100	50.0	2,800	52.0	2,600
100	21.5	3,000	35.0	2,900	43.5	2,300	47.5	2,000	49.5	1,800
105	11.0	2,400	31.0	2,200	40.0	1,700	45.0	1,400		
110			26.0	1,700						
Min.Bm. Ang./Cap.	0.0	2,300	20.0		37.0		43.5		47.0	
Radius (ft)	106.5		115.0		110.0		107.5		105.0	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



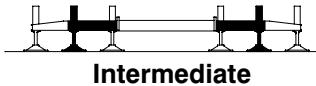
14,000 lb



Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft		100.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°	24°	360°
10	69.0	227,400	74.5	77,300	78.0	67,800				
12	66.0	202,700	72.5	77,300	76.5	67,800				
15	61.0	165,500	69.0	77,300	74.0	67,800	77.0	68,100		
20	52.0	84,000	63.0	77,300	69.5	67,800	74.0	66,100	76.5	60,000
25	41.5	52,300	56.5	57,500	65.0	60,000	70.0	58,200	73.5	53,400
30	27.0	35,800	49.5	40,700	60.0	43,300	66.5	44,000	70.5	44,100
35			41.5	30,400	55.0	33,100	62.5	33,700	67.0	33,900
40			32.0	23,400	49.5	25,900	58.0	26,700	64.0	26,900
45			17.5	18,400	43.5	20,800	54.0	21,700	60.5	21,800
50					36.5	17,000	49.5	17,800	57.0	18,000
55					28.0	14,000	44.5	14,800	53.0	15,100
60					15.0	11,500	39.0	12,400	49.0	12,700
65							33.0	10,400	45.0	10,700
70							25.0	8,700	40.5	9,000
75							13.5	7,300	35.5	7,600
80									30.0	6,400
85									23.0	5,300
90									12.0	4,400
Min.Bm. Ang./Cap.	0.0	29,400	0.0	17,200	0.0	10,900	0.0	7,000	0.0	4,200
Radius (ft)	32.8		46.5		61.5		76.5		91.5	

Load Radius (ft)	115.0 ft		130.0 ft		140.0 ft		150.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°
25	76.5	49,300	78.0	45,100				
30	73.5	43,700	76.0	43,100	77.5	37,200	78.0	31,900
35	71.0	33,600	73.5	32,900	75.0	32,400	76.5	31,900
40	68.0	26,600	71.0	26,000	73.0	25,500	74.5	25,100
45	65.0	21,500	68.5	21,000	70.5	20,500	72.0	20,100
50	62.0	17,700	66.0	17,200	68.0	17,000	70.0	16,600
55	59.0	14,900	63.0	14,400	65.5	14,000	67.5	13,600
60	56.0	12,600	60.5	12,100	63.0	11,600	65.5	11,300
65	52.5	10,600	58.0	10,100	60.5	9,700	63.0	9,400
70	49.0	8,900	55.0	8,500	58.0	8,100	61.0	7,700
75	45.5	7,500	52.0	7,100	55.5	6,700	58.5	6,400
80	42.0	6,200	49.0	5,900	53.0	5,500	56.0	5,200
85	38.0	5,200	46.0	4,800	50.5	4,500	53.5	4,100
90	33.0	4,300	43.0	3,900	47.5	3,500	51.0	3,200
95	28.0	3,400	39.0	3,100	44.5	2,700	48.5	2,400
100	21.5	2,700	35.5	2,300	41.0	2,000	45.5	1,700
105	11.5	2,100	31.0	1,700	38.0	1,400		
Min.Bm. Ang./Cap.	0.0	2,000	26.0		36.0		43.0	
Radius (ft)	106.5		110.0		107.5		105.0	

**Rated Lifting Capacities
In Pounds**



Intermediate

14,000 lb



Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°
10	69.0	227,400	74.5	73,800	78.0	68,700		
12	66.0	202,700	72.5	73,800	76.5	68,700		
15	61.0	165,500	69.0	73,800	74.0	68,700	77.0	69,100
20	52.0	84,000	63.0	73,800	69.5	68,700	74.0	69,100
25	41.5	52,300	56.5	57,500	65.0	58,900	70.0	58,800
30	27.0	35,800	49.5	40,700	60.0	42,200	66.0	42,200
35			41.5	30,400	55.0	32,100	62.0	32,000
40			32.0	23,400	49.5	25,000	58.0	25,100
45			17.5	18,300	43.5	19,900	53.5	20,100
50					36.5	16,200	49.0	16,400
55					28.0	13,100	44.5	13,400
60					15.0	10,700	39.0	11,000
65							33.0	9,000
70							25.0	7,300
75							13.5	5,900
Min.Bm. Ang./Cap.	0.0	29,400	0.0	17,100	0.0	10,100	0.0	5,600
Radius (ft)	32.8		46.5		61.5		76.5	

Load Radius (ft)	100.0 ft		115.0 ft		124.7 ft	
	24°	360°	24°	360°	24°	360°
20	76.5	61,000				
25	73.5	58,400	76.5	55,300	78.0	51,000
30	70.5	41,800	73.5	41,000	75.5	40,600
35	67.0	31,800	70.5	31,000	72.5	30,600
40	63.5	24,900	68.0	24,200	70.0	23,800
45	60.0	19,900	65.0	19,200	67.5	18,900
50	56.5	16,300	62.0	15,700	64.5	15,300
55	53.0	13,400	59.0	12,800	62.0	12,400
60	49.0	10,900	56.0	10,400	59.0	10,100
65	45.0	8,900	52.5	8,500	56.5	8,200
70	40.5	7,300	49.5	6,800	53.5	6,600
75	35.5	5,900	45.5	5,400	50.0	5,200
80	30.0	4,700	42.0	4,200	47.0	4,000
85	23.0	3,700	38.0	3,200	43.5	2,900
90	12.0	2,800	33.5	2,300	40.0	2,000
95			28.0	1,500		
Min.Bm. Ang./Cap.	0.0	2,500	24.5		36.0	
Radius (ft)	91.5		97.8		95.0	

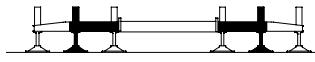
Not for crane operations

Rated Lifting Capacities In Pounds			Intermediate		14,000 lb	EM 4
Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft	
	24°	360°	24°	360°	24°	360°
10	69.0	227,400	74.5	73,800	78.0	68,700
12	66.0	202,700	72.5	73,800	76.5	68,700
15	61.0	165,500	69.0	73,800	74.0	68,700
20	52.0	84,000	63.0	73,800	69.5	68,700
25	41.5	52,300	56.5	57,500	65.0	58,900
30	27.0	35,800	49.5	40,700	60.0	42,200
35			41.5	30,400	55.0	32,100
40			32.0	23,400	49.5	25,000
45			17.5	18,300	43.5	19,900
50					36.5	16,200
55					28.0	13,100
60					15.0	10,700
Min.Bm. Ang./Cap.	0.0	29,400	0.0	17,100	0.0	10,100
Radius (ft)	32.8		46.5		61.5	

Load Radius (ft)	85.0 ft		100.0 ft		112.0 ft	
	24°	360°	24°	360°	24°	360°
15	77.0	64,900				
20	74.0	64,900	76.5	65,200	78.5	56,400
25	70.0	58,700	73.5	57,600	76.0	55,500
30	66.0	42,100	70.5	41,100	73.0	40,500
35	62.0	32,000	67.0	31,100	70.0	30,500
40	58.0	25,100	63.5	24,200	67.0	23,700
45	53.5	20,100	60.5	19,300	64.0	18,800
50	49.0	16,300	57.0	15,700	61.0	15,300
55	44.5	13,300	53.0	12,700	58.0	12,400
60	39.0	10,900	49.5	10,300	54.5	10,000
65	33.0	8,900	45.0	8,400	51.5	8,000
70	25.0	7,300	40.5	6,700	48.0	6,400
75	13.5	5,900	36.0	5,300	44.0	5,000
80			30.0	4,100	40.0	3,800
85			23.0	3,100	35.5	2,800
90			12.5	2,200	30.5	1,900
Min.Bm. Ang./Cap.	0.0	5,500	0.0	2,000	24.5	
Radius (ft)	76.5		91.5		94.8	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



Intermediate

14,000 lb



Load Radius (ft)	41.4 ft		55.5 ft	
	24°	360°	24°	360°
10	69.0	227,400	74.5	157,000
12	66.0	202,700	72.5	157,000
15	61.0	165,500	69.5	157,000
20	52.0	84,000	63.0	87,800
25	41.5	52,300	57.0	56,200
30	27.0	35,800	50.0	39,600
35			42.5	29,300
40			33.0	22,400
45			19.5	17,400
Min.Bm. Ang./Cap.	0.0	29,400	0.0	15,700
Radius (ft)	32.8		47.0	

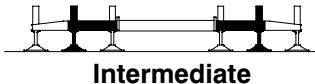
Load Radius (ft)	70.4 ft		86.2 ft	
	24°	360°	24°	360°
10	78.5	151,100		
12	77.0	150,200		
15	74.5	135,800	78.0	105,500
20	69.5	88,400	74.5	87,200
25	65.0	56,700	70.5	55,700
30	60.0	40,300	66.5	39,400
35	55.0	30,300	62.5	29,500
40	49.5	23,300	58.5	22,800
45	43.5	18,200	54.5	17,900
50	37.0	14,500	50.0	14,200
55	28.5	11,600	45.5	11,200
60	16.5	9,200	40.0	8,900
65			34.0	6,900
70			27.0	5,300
75			17.0	3,900
Min.Bm. Ang./Cap.	0.0	8,400	0.0	3,200
Radius (ft)	61.9		77.7	

Not for crane operations

**This Page Left Blank
Intentionally**

Not for crane operations

**Rated Lifting Capacities
In Pounds**

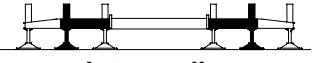


17,000 lb



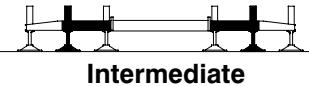
Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft		100.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°	24°	360°
10	69.0	228,100	74.5	77,300	77.5	51,000				
12	66.0	203,500	72.5	77,300	76.5	51,000				
15	61.0	168,000	69.0	77,300	74.0	51,000	76.5	51,200		
20	52.0	88,800	63.0	77,300	69.5	51,000	73.5	51,200	76.0	47,900
25	41.5	55,600	56.5	60,900	65.0	51,000	70.0	51,200	73.5	47,900
30	27.0	38,400	49.5	43,300	60.0	46,000	66.5	46,700	70.5	43,600
35			42.0	32,500	55.0	35,200	62.5	35,800	67.0	36,200
40			32.0	25,100	49.5	27,800	58.0	28,600	64.0	29,000
45			17.5	19,900	43.5	22,400	54.0	23,300	60.5	23,700
50					36.5	18,400	49.5	19,200	57.0	19,700
55					28.0	15,300	44.5	16,100	53.0	16,700
60					15.0	12,700	39.0	13,600	49.0	14,100
65							33.0	11,500	45.0	12,000
70							25.0	9,700	40.5	10,200
75							13.5	8,200	35.5	8,700
80									30.0	7,500
85									23.0	6,400
90									12.0	5,400
Min.Bm. Ang./Cap.	0.0	31,600	0.0	18,600	0.0	12,100	0.0	7,900	0.0	5,200
Radius (ft)	32.8		46.5		61.5		76.5		91.5	

Load Radius (ft)	115.0 ft		130.0 ft		145.0 ft		155.0 ft		162.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°	24°	360°
25	76.0	48,100	77.5	37,100						
30	73.5	44,400	75.5	37,100	77.5	32,800				
35	71.0	35,800	73.5	35,500	75.5	32,800	77.0	28,900	77.0	26,100
40	68.0	28,700	71.0	28,400	73.5	27,600	75.0	27,200	76.0	26,100
45	65.0	23,400	68.5	23,100	71.0	22,400	73.0	21,900	73.5	21,700
50	62.0	19,400	65.5	19,100	69.0	18,400	70.5	18,000	71.5	17,700
55	59.0	16,400	63.0	16,200	66.5	15,500	68.5	15,100	69.5	14,900
60	56.0	13,900	60.5	13,700	64.5	13,000	66.5	12,700	67.5	12,400
65	52.5	11,800	58.0	11,700	62.0	11,000	64.0	10,600	65.5	10,400
70	49.0	10,100	55.0	9,900	59.5	9,300	62.0	8,900	63.5	8,700
75	45.5	8,600	52.0	8,400	57.0	7,900	59.5	7,500	61.0	7,300
80	42.0	7,300	49.0	7,200	54.5	6,600	57.5	6,300	59.0	6,000
85	37.5	6,200	46.0	6,000	52.0	5,500	55.0	5,200	57.0	5,000
90	33.0	5,200	42.5	5,100	49.0	4,500	52.5	4,200	54.5	4,000
95	28.0	4,400	39.0	4,200	46.5	3,700	50.0	3,400	52.0	3,200
100	21.5	3,600	35.5	3,500	43.5	2,900	47.5	2,600	50.0	2,400
105	11.5	3,000	31.0	2,800	40.5	2,300	45.0	1,900	47.5	1,700
110			26.0	2,200	37.0	1,600	42.0	1,300		
115			20.0	1,600						
120			10.5	1,200						
Min.Bm. Ang./Cap.	0.0	2,800	0.0	1,100	33.5		41.0		45.0	
Radius (ft)	106.5		121.5		115.0		112.0		110.0	

Rated Lifting Capacities In Pounds					Intermediate		 17,000 lb			
Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft		100.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°	24°	360°
10	69.0	228,100	74.5	77,300	78.0	67,800				
12	66.0	203,500	72.5	77,300	76.5	67,800				
15	61.0	168,000	69.0	77,300	74.0	67,800	77.0	68,100		
20	52.0	88,800	63.0	77,300	69.5	67,800	74.0	66,100	76.5	60,000
25	41.5	55,600	56.5	60,900	65.0	63,400	70.0	58,200	73.5	53,400
30	27.0	38,400	49.5	43,300	60.0	45,800	66.5	46,500	70.5	46,600
35			42.0	32,500	55.0	35,000	62.5	35,700	67.0	35,800
40			32.0	25,100	49.5	27,600	58.0	28,500	64.0	28,600
45			17.5	19,900	43.5	22,300	54.0	23,100	60.5	23,300
50					36.5	18,200	49.5	19,100	57.0	19,300
55					28.0	15,100	44.5	16,000	53.0	16,300
60					15.0	12,600	39.0	13,400	49.5	13,700
65							33.0	11,300	45.0	11,600
70							25.5	9,600	40.5	9,900
75							13.5	8,100	36.0	8,400
80									30.0	7,100
85									23.0	6,000
90									12.5	5,100
Min.Bm. Ang./Cap.	0.0	31,600	0.0	18,600	0.0	12,000	0.0	7,700	0.0	4,800
Radius (ft)	32.8		46.5		61.5		76.5		91.5	
Load Radius (ft)	115.0 ft		130.0 ft		140.0 ft		150.0 ft			
	24°	360°	24°	360°	24°	360°	24°	360°	24°	360°
25	76.5	49,300	78.0	45,100						
30	73.5	44,100	76.0	43,200			77.5	37,200	78.0	31,900
35	71.0	35,400	73.5	34,800			75.5	34,500	76.5	31,900
40	68.0	28,300	71.0	27,700	73.0	27,200	74.5	26,800		
45	65.0	23,000	68.5	22,500	70.5	22,000	72.0	21,600		
50	62.0	19,000	66.0	18,500	68.0	18,000	70.0	17,600		
55	59.0	16,100	63.5	15,600	65.5	15,200	67.5	14,800		
60	56.0	13,600	60.5	13,100	63.5	12,700	65.5	12,300		
65	52.5	11,500	58.0	11,100	61.0	10,700	63.0	10,300		
70	49.5	9,700	55.0	9,400	58.5	9,000	61.0	8,600		
75	45.5	8,300	52.5	7,900	56.0	7,500	58.5	7,200		
80	42.0	7,000	49.5	6,600	53.0	6,300	56.0	5,900		
85	38.0	5,900	46.0	5,500	50.5	5,200	53.5	4,800		
90	33.5	4,900	43.0	4,500	47.5	4,200	51.0	3,900		
95	28.0	4,100	39.5	3,700	44.5	3,300	48.5	3,000		
100	21.5	3,300	35.5	2,900	41.5	2,600	46.0	2,300		
105	11.5	2,700	31.0	2,300	38.0	1,900	43.0	1,600		
110			26.0	1,700	34.0	1,300				
Min.Bm. Ang./Cap.	0.0	2,500	20.0		32.5		40.5			
Radius (ft)	106.5		115.0		112.0		109.1			

Not for crane operations

**Rated Lifting Capacities
In Pounds**



Intermediate

17,000 lb



Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft	
	27°	360°	27°	360°	27°	360°	27°	360°
10	69.0	228,100	74.5	73,800	78.0	68,700		
12	66.0	203,500	72.5	73,800	76.5	68,700		
15	61.0	168,000	69.0	73,800	74.0	68,700	77.0	69,100
20	52.0	88,800	63.0	73,800	69.5	68,700	74.0	69,100
25	41.5	55,600	56.5	60,800	65.0	62,300	70.0	62,100
30	27.0	38,400	49.5	43,300	60.0	44,800	66.0	44,700
35			42.0	32,500	55.0	34,200	62.0	34,100
40			32.0	25,100	49.5	26,700	58.0	26,900
45			17.5	19,800	43.5	21,400	54.0	21,600
50					36.5	17,400	49.0	17,600
55					28.0	14,300	44.5	14,500
60					15.0	11,800	39.0	12,000
65							33.0	9,900
70							25.0	8,200
75							13.5	6,700
Min.Bm. Ang./Cap.	0.0	31,600	0.0	18,500	0.0	11,100	0.0	6,400
Radius (ft)	32.8		46.5		61.5		76.5	

Load Radius (ft)	100.0 ft		115.0 ft		124.7 ft	
	27°	360°	27°	360°	27°	360°
20	76.5	61,000				
25	73.5	59,400	76.5	55,300	78.0	51,000
30	70.5	44,400	74.0	43,600	75.5	43,100
35	67.0	33,800	71.0	33,100	73.0	32,700
40	63.5	26,600	68.0	25,900	70.0	25,500
45	60.5	21,400	65.0	20,700	67.5	20,400
50	56.5	17,500	62.0	17,000	64.5	16,600
55	53.0	14,500	59.0	13,900	62.0	13,600
60	49.0	12,000	56.0	11,500	59.0	11,200
65	45.0	9,900	52.5	9,400	56.5	9,200
70	40.5	8,200	49.5	7,700	53.5	7,400
75	35.5	6,700	46.0	6,200	50.5	6,000
80	30.0	5,400	42.0	5,000	47.0	4,700
85	23.0	4,400	38.0	3,900	43.5	3,600
90	12.0	3,400	33.5	2,900	40.0	2,700
95			28.0	2,100	36.0	1,900
100			21.5	1,400		
Min.Bm. Ang./Cap.	0.0	3,200	17.0		31.5	
Radius (ft)	91.5		102.1		100.0	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



17,000 lb

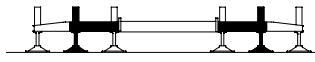


Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft	
	24°	360°	24°	360°	24°	360°
10	69.0	228,100	74.5	73,800	78.0	68,700
12	66.0	203,500	72.5	73,800	76.5	68,700
15	61.0	168,000	69.0	73,800	74.0	68,700
20	52.0	88,800	63.0	73,800	69.5	68,700
25	41.5	55,600	56.5	60,800	65.0	62,300
30	27.0	38,400	49.5	43,300	60.0	44,800
35			42.0	32,500	55.0	34,200
40			32.0	25,100	49.5	26,700
45			17.5	19,800	43.5	21,400
50					36.5	17,400
55					28.0	14,300
60					15.0	11,800
Min.Bm. Ang./Cap.	0.0	31,600	0.0	18,500	0.0	11,100
Radius (ft)	32.8		46.5		61.5	

Load Radius (ft)	85.0 ft		100.0 ft		112.0 ft	
	24°	360°	24°	360°	24°	360°
15	77.0	64,900				
20	74.0	64,900	76.5	65,200	78.5	56,400
25	70.0	62,000	73.5	60,900	76.0	55,500
30	66.0	44,600	70.5	43,600	73.0	43,000
35	62.0	34,000	67.0	33,100	70.0	32,600
40	58.0	26,800	64.0	25,900	67.0	25,400
45	54.0	21,500	60.5	20,800	64.0	20,300
50	49.0	17,500	57.0	17,000	61.0	16,600
55	44.5	14,500	53.0	13,900	58.0	13,500
60	39.0	11,900	49.5	11,400	55.0	11,100
65	33.0	9,900	45.0	9,300	51.5	9,000
70	25.0	8,100	40.5	7,600	48.0	7,300
75	13.5	6,700	36.0	6,100	44.0	5,800
80			30.0	4,900	40.0	4,600
85			23.0	3,800	35.5	3,500
90			12.5	2,900	30.5	2,500
95					24.5	1,700
Min.Bm. Ang./Cap.	0.0	6,300	0.0	2,600	17.5	
Radius (ft)	76.5		91.5		99.2	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



Intermediate

17,000 lb



Load Radius (ft)	41.4 ft		55.5 ft	
	24°	360°	24°	360°
10	69.0	228,100	74.5	157,000
12	66.0	203,500	72.5	157,000
15	61.0	168,000	69.5	157,000
20	52.0	88,800	63.5	92,700
25	41.5	55,600	57.0	59,500
30	27.0	38,400	50.0	42,100
35			42.5	31,400
40			33.0	24,100
45			19.5	18,800
Min.Bm. Ang./Cap.	0.0	31,600	0.0	17,200
Radius (ft)	32.8		47.0	

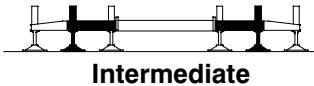
Load Radius (ft)	70.4 ft		86.2 ft	
	24°	360°	24°	360°
10	78.5	151,100		
12	77.0	150,200		
15	74.5	135,800	78.0	105,500
20	69.5	93,300	74.5	89,800
25	65.0	60,000	70.5	59,100
30	60.0	42,800	66.5	42,000
35	55.0	32,300	62.5	31,600
40	49.5	25,000	58.5	24,500
45	43.5	19,700	54.5	19,300
50	37.0	15,800	50.0	15,500
55	28.5	12,700	45.5	12,400
60	16.5	10,200	40.0	9,900
65			34.5	7,900
70			27.0	6,100
75			17.0	4,700
Min.Bm. Ang./Cap.	0.0	9,400	0.0	4,000
Radius (ft)	61.9		77.7	

Not for crane operations

**This Page Left Blank
Intentionally**

Not for crane operations

**Rated Lifting Capacities
In Pounds**



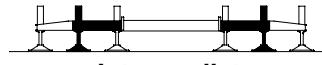
26,000 lb



Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft		100.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°	24°	360°
10	69.0	230,300	74.5	77,300	77.5	51,000				
12	66.0	205,400	72.5	77,300	76.5	51,000				
15	61.0	175,000	69.0	77,300	74.0	51,000	76.5	51,200		
20	52.0	103,100	63.0	77,300	69.5	51,000	73.5	51,200	76.0	47,900
25	41.5	65,400	56.5	70,500	65.0	51,000	70.0	51,200	73.5	47,900
30	27.0	45,800	49.5	50,700	60.0	51,000	66.5	51,200	70.5	43,600
35			42.0	38,400	55.0	41,200	62.5	41,800	67.5	39,300
40			32.0	30,100	49.5	32,800	58.5	33,600	64.0	34,000
45			17.5	24,100	43.5	26,700	54.0	27,600	60.5	28,000
50					36.5	22,100	49.5	23,000	57.0	23,500
55					28.0	18,600	44.5	19,400	53.5	19,900
60					15.0	15,800	39.0	16,600	49.5	17,100
65							33.0	14,200	45.5	14,700
70							25.5	12,200	41.0	12,800
75							13.5	10,600	36.0	11,100
80									30.0	9,600
85									23.0	8,400
90									12.5	7,300
Min.Bm. Ang./Cap.	0.0	38,100	0.0	22,700	0.0	13,900	0.0	10,200	0.0	7,000
Radius (ft)	32.8		46.5		61.5		76.5		91.5	

Load Radius (ft)	115.0 ft		130.0 ft		145.0 ft		155.0 ft		162.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°	24°	360°
25	76.0	48,100	77.5	37,100						
30	73.5	44,400	75.5	37,100	77.5	32,800				
35	71.0	40,100	73.5	36,000	75.5	32,800	77.0	28,900	77.0	26,100
40	68.0	33,600	71.5	32,700	74.0	32,600	75.5	28,900	76.0	26,100
45	65.5	27,700	68.5	27,400	71.5	26,600	73.5	26,200	74.0	26,000
50	62.5	23,100	66.0	22,900	69.5	22,200	71.0	21,700	72.0	21,500
55	59.0	19,600	63.5	19,400	67.0	18,700	69.0	18,300	70.0	18,000
60	56.0	17,000	61.0	16,700	64.5	16,100	67.0	15,700	68.0	15,400
65	53.0	14,600	58.0	14,400	62.0	13,800	64.5	13,400	66.0	13,100
70	49.5	12,600	55.5	12,500	60.0	11,800	62.5	11,500	63.5	11,200
75	46.0	10,900	52.5	10,800	57.5	10,200	60.0	9,800	61.5	9,600
80	42.0	9,500	49.5	9,300	55.0	8,800	58.0	8,400	59.5	8,200
85	38.0	8,200	46.5	8,100	52.0	7,500	55.5	7,200	57.0	7,000
90	33.5	7,100	43.0	7,000	49.5	6,400	53.0	6,100	55.0	5,900
95	28.0	6,200	39.5	6,000	46.5	5,500	50.5	5,200	52.5	5,000
100	21.5	5,300	35.5	5,200	44.0	4,600	48.0	4,300	50.0	4,100
105	11.5	4,600	31.0	4,400	40.5	3,800	45.0	3,500	47.5	3,300
110			26.5	3,700	37.5	3,200	42.5	2,900	45.0	2,700
115			20.0	3,100	33.5	2,500	39.5	2,200	42.5	2,000
120			10.5	2,500	29.5	2,000	36.0	1,700	39.5	1,500
125					25.0	1,500	32.5	1,200		
Min.Bm. Ang./Cap.	0.0	4,400	0.0	2,400	20.0		31.5		37.0	
Radius (ft)	106.5		121.5		129.0		126.0		124.0	

Rated Lifting Capacities
In Pounds



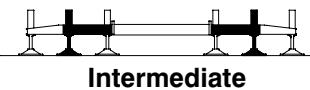
26,000 lb



Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft		100.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°	24°	360°
10	69.0	230,300	74.5	77,300	78.0	67,800				
12	66.0	205,400	72.5	77,300	76.5	67,800				
15	61.0	175,000	69.0	77,300	74.0	67,800	77.0	68,100		
20	52.0	103,100	63.0	77,300	69.5	67,800	74.0	66,100	76.5	60,000
25	41.5	65,400	56.5	70,500	65.0	66,900	70.0	58,200	73.5	53,400
30	27.0	45,800	49.5	50,700	60.0	53,100	66.5	51,700	70.5	47,700
35			42.0	38,400	55.0	41,000	62.5	41,600	67.5	41,700
40			32.0	30,100	49.5	32,600	58.5	33,400	64.0	33,600
45			17.5	24,100	43.5	26,600	54.0	27,400	60.5	27,600
50					36.5	22,000	49.5	22,800	57.0	23,100
55					28.0	18,400	44.5	19,200	53.5	19,500
60					15.0	15,600	39.0	16,400	49.5	16,700
65							33.0	14,100	45.5	14,400
70							25.5	12,100	41.0	12,400
75							13.5	10,400	36.0	10,700
80									30.5	9,300
85									23.5	8,000
90									12.5	7,000
Min.Bm. Ang./Cap.	0.0	38,100	0.0	22,700	0.0	14,900	0.0	10,000	0.0	6,700
Radius (ft)	32.8		46.5		61.5		76.5		91.5	

Load Radius (ft)	115.0 ft		130.0 ft		140.0 ft		150.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°
25	76.5	49,300	78.0	45,100				
30	73.5	44,100	76.0	43,200	77.5	37,200	78.0	31,900
35	71.0	39,800	74.0	39,100	75.5	37,200	76.5	31,900
40	68.5	33,300	71.5	32,700	73.5	32,200	75.0	31,800
45	65.5	27,300	69.0	26,700	71.0	26,300	72.5	25,900
50	62.5	22,800	66.5	22,300	68.5	21,800	70.5	21,400
55	59.5	19,300	63.5	18,800	66.0	18,300	68.0	17,900
60	56.0	16,600	61.0	16,100	63.5	15,700	66.0	15,300
65	53.0	14,300	58.0	13,800	61.0	13,400	63.5	13,100
70	49.5	12,300	55.5	11,900	58.5	11,500	61.5	11,100
75	46.0	10,600	52.5	10,200	56.0	9,900	59.0	9,500
80	42.0	9,200	49.5	8,800	53.5	8,400	56.5	8,100
85	38.0	7,900	46.5	7,500	50.5	7,200	54.0	6,900
90	33.5	6,800	43.0	6,400	48.0	6,100	51.5	5,800
95	28.0	5,900	39.5	5,500	45.0	5,100	49.0	4,800
100	21.5	5,000	35.5	4,600	41.5	4,300	46.0	4,000
105	11.5	4,300	31.5	3,900	38.0	3,500	43.0	3,200
110			26.5	3,200	34.5	2,800	40.0	2,500
115			20.5	2,600	30.5	2,200	37.0	1,900
120			11.0	2,000	25.5	1,600	33.5	1,300
Min.Bm. Ang./Cap.	0.0	4,100	0.0	1,900	19.5		32.0	
Radius (ft)	106.5		121.5		125.0		122.0	

**Rated Lifting Capacities
In Pounds**



Intermediate

26,000 lb

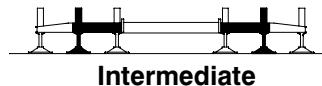


Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°
10	69.0	230,300	74.5	73,800	78.0	68,700		
12	66.0	205,400	72.5	73,800	76.5	68,700		
15	61.0	175,000	69.0	73,800	74.0	68,700	77.0	69,100
20	52.0	103,100	63.0	73,800	70.0	68,700	74.0	69,100
25	41.5	65,400	56.5	70,500	65.0	68,700	70.0	69,100
30	27.0	45,800	49.5	50,600	60.0	52,100	66.0	52,100
35			42.0	38,300	55.0	40,000	62.5	39,900
40			32.0	30,100	49.5	31,700	58.0	31,900
45			17.5	24,100	43.5	25,700	54.0	25,900
50					36.5	21,100	49.5	21,300
55					28.0	17,600	44.5	17,800
60					15.0	14,800	39.0	15,000
65							33.0	12,700
70							25.5	10,700
75							13.5	9,100
Min.Bm. Ang./Cap.	0.0	38,100	0.0	22,700	0.0	14,100	0.0	8,600
Radius (ft)	32.8		46.5		61.5		76.5	

Load Radius (ft)	100.0 ft		115.0 ft		124.7 ft	
	24°	360°	24°	360°	24°	360°
20	76.5	61,000				
25	73.5	59,400	76.5	55,300	78.0	51,000
30	70.5	51,800	74.0	49,400	75.5	45,400
35	67.0	39,600	71.0	38,900	73.0	38,400
40	64.0	31,600	68.0	30,900	70.5	30,500
45	60.5	25,700	65.5	25,000	67.5	24,600
50	57.0	21,300	62.5	20,600	65.0	20,200
55	53.0	17,700	59.5	17,200	62.5	17,000
60	49.5	15,000	56.0	14,500	59.5	14,200
65	45.0	12,600	53.0	12,200	56.5	11,900
70	41.0	10,700	49.5	10,200	53.5	10,000
75	36.0	9,000	46.0	8,600	50.5	8,300
80	30.0	7,600	42.0	7,100	47.5	6,900
85	23.0	6,400	38.0	5,900	44.0	5,700
90	12.5	5,300	33.5	4,800	40.5	4,600
95			28.5	3,900	36.5	3,600
100			21.5	3,000	32.0	2,800
105			11.5	2,300	27.0	2,000
110					20.5	1,400
Min.Bm. Ang./Cap.	0.0	5,000	0.0	2,100	15.5	
Radius (ft)	91.5		106.5		112.5	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



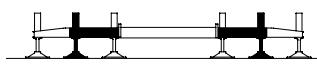
26,000 lb



Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft	
	24°	360°	24°	360°	24°	360°
10	69.0	230,300	74.5	73,800	78.0	68,700
12	66.0	205,400	72.5	73,800	76.5	68,700
15	61.0	175,000	69.0	73,800	74.0	68,700
20	52.0	103,100	63.0	73,800	70.0	68,700
25	41.5	65,400	56.5	70,500	65.0	68,700
30	27.0	45,800	49.5	50,600	60.0	52,100
35			42.0	38,300	55.0	40,000
40			32.0	30,100	49.5	31,700
45			17.5	24,100	43.5	25,700
50					36.5	21,100
55					28.0	17,600
60					15.0	14,800
Min.Bm. Ang./Cap.	0.0	38,100	0.0	22,700	0.0	14,100
Radius (ft)	32.8		46.5		61.5	

Load Radius (ft)	85.0 ft		100.0 ft		112.0 ft	
	24°	360°	24°	360°	24°	360°
15	77.0	64,900				
20	74.0	64,900	76.5	65,200	78.5	56,400
25	70.0	64,900	74.0	65,200	76.0	55,500
30	66.0	52,000	70.5	51,000	73.5	48,900
35	62.0	39,800	67.5	38,900	70.5	38,400
40	58.0	31,800	64.0	30,900	67.5	30,400
45	54.0	25,800	60.5	25,100	64.5	24,600
50	49.5	21,300	57.0	20,600	61.5	20,100
55	44.5	17,700	53.5	17,300	58.0	16,900
60	39.0	14,900	49.5	14,400	55.0	14,100
65	33.0	12,600	45.5	12,100	51.5	11,700
70	25.5	10,600	41.0	10,100	48.0	9,800
75	13.5	9,000	36.0	8,500	44.5	8,100
80			30.5	7,000	40.5	6,700
85			23.5	5,800	36.0	5,500
90			12.5	4,800	31.0	4,400
95					25.0	3,500
100					17.0	2,600
Min.Bm. Ang./Cap.	0.0	8,600	0.0	4,500	0.0	2,100
Radius (ft)	76.5		91.5		103.5	

**Rated Lifting Capacities
In Pounds**



Intermediate

26,000 lb



Load Radius (ft)	41.4 ft		55.5 ft	
	24°	360°	24°	360°
10	69.0	230,300	74.5	157,000
12	66.0	205,400	72.5	157,000
15	61.0	175,000	69.5	157,000
20	52.0	103,100	63.5	106,900
25	41.5	65,400	57.0	69,300
30	27.0	45,800	50.0	49,500
35			42.5	37,300
40			33.0	29,100
45			19.5	23,100
Min.Bm. Ang./Cap.	0.0	38,100	0.0	21,200
Radius (ft)	32.8		47.0	

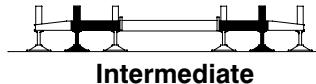
Load Radius (ft)	70.4 ft		86.2 ft	
	24°	360°	24°	360°
10	78.5	151,100		
12	77.0	150,200		
15	74.5	135,800	78.0	105,500
20	70.0	107,500	74.5	89,800
25	65.0	69,700	70.5	68,800
30	60.0	50,200	67.0	49,400
35	55.0	38,200	63.0	37,400
40	49.5	30,000	59.0	29,500
45	44.0	24,000	54.5	23,600
50	37.0	19,500	50.0	19,100
55	29.0	16,100	45.5	15,700
60	16.5	13,200	40.5	12,900
65			34.5	10,600
70			27.0	8,700
75			17.0	7,000
Min.Bm. Ang./Cap.	0.0	12,300	0.0	6,300
Radius (ft)	61.9		77.7	

Not for crane operations

**This Page Left Blank
Intentionally**

Not for crane operations

**Rated Lifting Capacities
In Pounds**



Intermediate

29,000 lb

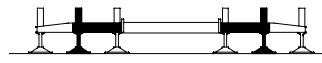


Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft		100.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°	24°	360°
10	69.0	231,000	74.5	77,300	77.5	51,000				
12	66.0	206,000	72.5	77,300	76.5	51,000				
15	61.0	176,600	69.0	77,300	74.0	51,000	76.5	51,200		
20	52.0	107,800	63.0	77,300	69.5	51,000	73.5	51,200	76.0	47,900
25	41.5	68,600	56.5	73,800	65.0	51,000	70.0	51,200	73.5	47,900
30	27.0	48,200	49.5	53,100	60.0	51,000	66.5	51,200	70.5	43,600
35			42.0	40,400	55.0	43,100	62.5	43,800	67.5	39,300
40			32.5	31,800	49.5	34,500	58.5	35,100	64.0	35,500
45			17.5	25,600	43.5	28,200	54.0	29,000	60.5	29,400
50					36.5	23,400	49.5	24,200	57.0	24,700
55					28.0	19,700	44.5	20,500	53.5	21,000
60					15.0	16,800	39.0	17,500	49.5	18,000
65							33.0	15,100	45.5	15,700
70							25.5	13,100	41.0	13,600
75							13.5	11,300	36.0	11,800
80									30.5	10,300
85									23.0	9,100
90									12.5	7,900
Min.Bm. Ang./Cap.	0.0	40,300	0.0	24,100	0.0	13,900	0.0	10,900	0.0	7,700
Radius (ft)	32.8		46.5		61.5		76.5		91.5	

Load Radius (ft)	115.0 ft		130.0 ft		145.0 ft		155.0 ft		162.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°	24°	360°
25	76.0	48,100	77.5	37,100						
30	73.5	44,400	75.5	37,100	77.5	32,800				
35	71.0	40,100	73.5	36,000	75.5	32,800	77.0	28,900	77.0	26,100
40	68.5	35,100	71.5	32,700	74.0	32,800	75.5	28,900	76.0	26,100
45	65.5	29,100	69.0	28,800	72.0	28,100	73.5	27,600	74.5	26,100
50	62.5	24,400	66.0	24,100	69.5	23,400	71.5	23,000	72.5	22,700
55	59.5	20,700	63.5	20,500	67.0	19,800	69.0	19,400	70.0	19,100
60	56.0	17,800	61.0	17,500	64.5	17,100	67.0	16,700	68.0	16,500
65	53.0	15,500	58.0	15,300	62.5	14,700	64.5	14,300	66.0	14,100
70	49.5	13,400	55.5	13,300	60.0	12,700	62.5	12,300	64.0	12,100
75	46.0	11,700	52.5	11,500	57.5	11,000	60.0	10,600	61.5	10,400
80	42.0	10,200	49.5	10,000	55.0	9,500	58.0	9,200	59.5	8,900
85	38.0	8,900	46.5	8,700	52.5	8,200	55.5	7,900	57.5	7,700
90	33.5	7,700	43.0	7,600	49.5	7,100	53.0	6,700	55.0	6,600
95	28.0	6,700	39.5	6,600	47.0	6,100	50.5	5,800	52.5	5,600
100	21.5	5,900	35.5	5,700	44.0	5,200	48.0	4,900	50.5	4,700
105	11.5	5,100	31.5	4,900	40.5	4,400	45.5	4,100	48.0	3,900
110			26.5	4,200	37.5	3,700	42.5	3,400	45.0	3,200
115			20.0	3,600	33.5	3,000	39.5	2,700	42.5	2,500
120			10.5	3,000	29.5	2,400	36.0	2,100	39.5	1,900
125					25.0	1,900	32.5	1,600	36.5	1,400
130					19.0	1,400				
Min.Bm. Ang./Cap.	0.0	4,900	0.0	2,900	12.5		29.0		34.5	
Radius (ft)	106.5		121.5		133.7		130.0		128.0	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



Intermediate

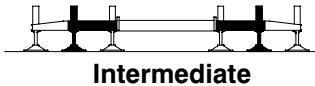
29,000 lb



Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft		100.0 ft	
	45°	360°	45°	360°	45°	360°	45°	360°	45°	360°
10	69.0	231,000	74.5	77,300	78.0	67,800				
12	66.0	206,000	72.5	77,300	76.5	67,800				
15	61.0	176,600	69.0	77,300	74.0	67,800	77.0	68,100		
20	52.0	107,800	63.0	77,300	69.5	67,800	74.0	66,100	76.5	60,000
25	41.5	68,600	56.5	73,800	65.0	66,900	70.0	58,200	73.5	53,400
30	27.0	48,200	49.5	53,100	60.0	55,600	66.5	51,700	70.5	47,700
35			42.0	40,400	55.0	43,000	62.5	43,600	67.5	43,100
40			32.5	31,800	49.5	34,300	58.5	35,000	64.0	35,100
45			17.5	25,600	43.5	28,000	54.0	28,900	60.5	29,000
50					36.5	23,200	49.5	24,100	57.0	24,300
55					28.0	19,500	44.5	20,300	53.5	20,600
60					15.0	16,600	39.5	17,400	49.5	17,600
65							33.0	15,000	45.5	15,300
70							25.5	12,900	41.0	13,200
75							13.5	11,200	36.0	11,500
80									30.5	10,000
85									23.5	8,700
90									12.5	7,600
Min.Bm. Ang./Cap.	0.0	40,300	0.0	24,100	0.0	15,300	0.0	10,800	0.0	7,300
Radius (ft)	32.8		46.5		61.5		76.5		91.5	

Load Radius (ft)	115.0 ft		130.0 ft		140.0 ft		150.0 ft	
	45°	360°	45°	360°	45°	360°	45°	360°
25	76.5	49,300	78.0	45,100				
30	73.5	44,100	76.0	43,200	77.5	37,200	78.0	31,900
35	71.0	39,800	74.0	39,100	75.5	37,200	76.5	31,900
40	68.5	34,800	71.5	34,300	73.5	33,900	75.0	31,900
45	65.5	28,700	69.0	28,200	71.0	27,700	73.0	27,300
50	62.5	24,100	66.5	23,500	68.5	23,100	70.5	22,700
55	59.5	20,400	63.5	19,900	66.0	19,400	68.0	19,000
60	56.0	17,500	61.0	17,100	64.0	16,700	66.0	16,400
65	53.0	15,200	58.5	14,700	61.5	14,300	63.5	14,000
70	49.5	13,100	55.5	12,700	59.0	12,300	61.5	12,000
75	46.0	11,400	52.5	11,000	56.0	10,600	59.0	10,300
80	42.0	9,900	49.5	9,500	53.5	9,100	56.5	8,800
85	38.0	8,600	46.5	8,200	50.5	7,800	54.0	7,500
90	33.5	7,400	43.0	7,100	48.0	6,700	51.5	6,400
95	28.5	6,400	39.5	6,100	45.0	5,700	49.0	5,400
100	21.5	5,600	36.0	5,200	41.5	4,800	46.0	4,500
105	11.5	4,800	31.5	4,400	38.5	4,000	43.5	3,700
110			26.5	3,700	34.5	3,300	40.0	3,000
115			20.5	3,000	30.5	2,700	37.0	2,400
120			11.0	2,500	25.5	2,100	33.5	1,800
125					20.0	1,600	29.5	1,300
Min.Bm. Ang./Cap.	0.0	4,600	0.0	2,300	10.5		27.5	
Radius (ft)	106.5		121.5		130.0		127.0	

**Rated Lifting Capacities
In Pounds**



29,000 lb



Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°
10	69.0	231,000	74.5	73,800	78.0	68,700		
12	66.0	206,000	72.5	73,800	76.5	68,700		
15	61.0	176,600	69.0	73,800	74.0	68,700	77.0	69,100
20	52.0	107,800	63.0	73,800	70.0	68,700	74.0	69,100
25	41.5	68,600	56.5	73,700	65.0	68,700	70.0	69,100
30	27.0	48,200	49.5	53,000	60.0	54,500	66.5	54,400
35			42.0	40,300	55.0	42,000	62.5	41,900
40			32.5	31,800	49.5	33,400	58.0	33,500
45			17.5	25,500	43.5	27,100	54.0	27,300
50					36.5	22,400	49.5	22,600
55					28.0	18,700	44.5	18,900
60					15.0	15,800	39.0	16,000
65							33.0	13,600
70							25.5	11,600
75							13.5	9,800
Min.Bm. Ang./Cap.	0.0	40,300	0.0	24,000	0.0	15,000	0.0	9,400
Radius (ft)	32.8		46.5		61.5		76.5	

Load Radius (ft)	100.0 ft		115.0 ft		124.7 ft	
	24°	360°	24°	360°	24°	360°
20	76.5	61,000				
25	73.5	59,400	76.5	55,300	78.0	51,000
30	70.5	52,800	74.0	49,400	75.5	45,400
35	67.5	41,600	71.0	40,800	73.5	40,400
40	64.0	33,300	68.5	32,500	70.5	32,200
45	60.5	27,100	65.5	26,400	68.0	26,100
50	57.0	22,500	62.5	21,800	65.0	21,500
55	53.5	18,800	59.5	18,200	62.5	17,900
60	49.5	16,000	56.5	15,500	59.5	15,200
65	45.5	13,600	53.0	13,100	56.5	12,800
70	41.0	11,500	49.5	11,100	53.5	10,800
75	36.0	9,800	46.0	9,300	50.5	9,100
80	30.0	8,300	42.5	7,900	47.5	7,600
85	23.0	7,000	38.0	6,600	44.0	6,300
90	12.5	5,900	33.5	5,500	40.5	5,200
95			28.5	4,500	36.5	4,200
100			22.0	3,600	32.0	3,400
105			11.5	2,800	27.0	2,600
110					20.5	1,900
115					10.5	1,300
Min.Bm. Ang./Cap.	0.0	5,700	0.0	2,600	0.0	1,100
Radius (ft)	91.5		106.5		116.2	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



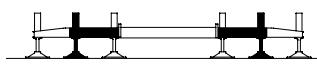
29,000 lb



Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft	
	24°	360°	24°	360°	24°	360°
10	69.0	231,000	74.5	73,800	78.0	68,700
12	66.0	206,000	72.5	73,800	76.5	68,700
15	61.0	176,600	69.0	73,800	74.0	68,700
20	52.0	107,800	63.0	73,800	70.0	68,700
25	41.5	68,600	56.5	73,700	65.0	68,700
30	27.0	48,200	49.5	53,000	60.0	54,500
35			42.0	40,300	55.0	42,000
40			32.5	31,800	49.5	33,400
45			17.5	25,500	43.5	27,100
50					36.5	22,400
55					28.0	18,700
60					15.0	15,800
Min.Bm. Ang./Cap.	0.0	40,300	0.0	24,000	0.0	15,000
Radius (ft)	32.8		46.5		61.5	

Load Radius (ft)	85.0 ft		100.0 ft		112.0 ft	
	24°	360°	24°	360°	24°	360°
15	77.0	64,900				
20	74.0	64,900	76.5	65,200	78.5	56,400
25	70.0	64,900	74.0	65,200	76.0	55,500
30	66.5	54,300	70.5	53,300	73.5	48,900
35	62.5	41,800	67.5	40,900	70.5	40,400
40	58.0	33,400	64.0	32,600	67.5	32,100
45	54.0	27,200	60.5	26,500	64.5	26,000
50	49.5	22,500	57.0	21,900	61.5	21,400
55	44.5	18,800	53.5	18,200	58.5	17,800
60	39.0	16,000	49.5	15,400	55.0	15,100
65	33.0	13,500	45.5	13,000	51.5	12,700
70	25.5	11,500	41.0	11,000	48.0	10,600
75	13.5	9,800	36.0	9,200	44.5	8,900
80			30.5	7,800	40.5	7,400
85			23.5	6,500	36.0	6,200
90			12.5	5,400	31.0	5,100
95					25.0	4,100
100					17.0	3,200
Min.Bm. Ang./Cap.	0.0	9,300	0.0	5,100	0.0	2,700
Radius (ft)	76.5		91.5		103.5	

**Rated Lifting Capacities
In Pounds**



Intermediate

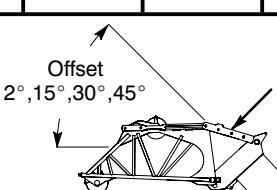
29,000 lb



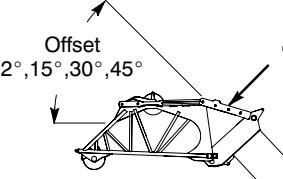
Load Radius (ft)	41.4 ft		55.5 ft	
	24°	360°	24°	360°
10	69.0	231,000	74.5	157,000
12	66.0	206,000	72.5	157,000
15	61.0	176,600	69.5	157,000
20	52.0	107,800	63.5	111,700
25	41.5	68,600	57.0	72,400
30	27.0	48,200	50.0	52,000
35			42.5	39,300
40			33.0	30,700
45			19.5	24,600
Min.Bm. Ang./Cap.	0.0	40,300	0.0	22,600
Radius (ft)	32.8		47.0	

Load Radius (ft)	70.4 ft		86.2 ft	
	24°	360°	24°	360°
10	78.5	151,100		
12	77.0	150,200		
15	74.5	135,800	78.0	105,500
20	70.0	112,200	74.5	89,800
25	65.0	72,900	70.5	71,900
30	60.5	52,600	67.0	51,800
35	55.0	40,200	63.0	39,400
40	50.0	31,600	59.0	31,100
45	44.0	25,400	54.5	25,100
50	37.0	20,800	50.5	20,400
55	29.0	17,200	45.5	16,900
60	16.5	14,200	40.5	13,900
65			34.5	11,500
70			27.5	9,500
75			17.5	7,800
Min.Bm. Ang./Cap.	0.0	13,300	0.0	7,000
Radius (ft)	61.9		77.7	

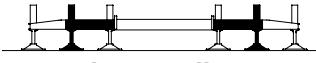
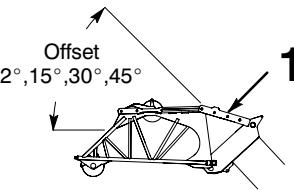
Not for crane operations

Rated Lifting Capacities In Pounds				Intermediate		 29,000 lb		 EM 1		 360°	
Boom Length (ft)	41.4	55.0	70.0	85.0	100.0	115.0	130.0	145.0	155.0	162.0	
Load Radius (ft)	 10.0 ft Offset Fly										
10	51,800	51,800									
12	47,300	51,800	48,600								
15	46,400	46,800	48,600	48,600							
20	45,200	45,700	45,200	44,000	45,100						
25	44,600	44,800	44,500	43,400	41,200	38,300	28,900				
30	44,600	44,400	43,900	43,000	39,200	38,300	28,900	25,600	22,400		
35	40,100	42,300	41,300	41,300	35,200	36,400	28,900	25,600	22,400		
40	31,600	33,800	35,100	35,300		33,200	28,900	25,600	22,400	20,000	
45		27,600	28,900	29,200		29,300	28,800	27,300	25,600	22,400	20,000
50		22,900	24,200	24,400	24,600	24,100	23,800	23,000	22,400	20,000	
55		19,200	20,500	20,700	20,900	20,400	20,100	19,300		18,900	18,600
60		17,600	17,800	17,900	17,500	17,100	17,100	16,600	16,200	16,000	
65			15,200	15,500	15,600	15,200	14,900	14,200	13,800	13,600	
70			13,200	13,400	13,600	13,200	12,900	12,200	11,800	11,600	
75				11,700	11,900	11,500	11,200	10,500	10,100	9,900	
80					10,200	10,400	10,000	9,700	9,000	8,700	8,400
85						8,900	9,100	8,700	8,400	7,800	7,400
90							8,000	7,600	7,300	6,700	6,300
95							7,000	6,600	6,300	5,700	5,300
100								6,100	5,700	5,500	4,800
105									4,900	4,700	4,000
110									4,200	4,000	3,300
115										3,600	3,300
120										2,700	2,700
125										2,200	2,100
130										1,700	1,700
Min.Bm. Ang./Cap.	0	27,800	0	18,300	0	10,600	0	8,600	0	5,900	0
										3,500	3,500
Radius (ft)	42.8	56.5	71.5	86.5	101.5	116.5	131.5	130.0	126.0	124.0	

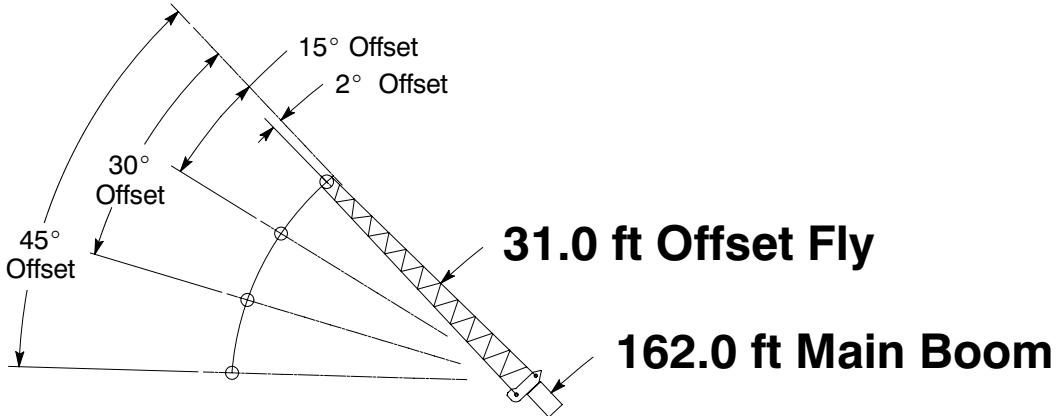
Not for crane operations

Rated Lifting Capacities In Pounds				Intermediate				29,000 lb			
Boom Length (ft)	41.4	55.0	70.0	85.0	100.0	115.0	130.0	140.0	150.0		
Load Radius (ft)	 <p>10.0 ft Offset Fly</p>										
10	51,800	51,800									
12	47,300	51,800	51,800								
15	46,400	46,800	51,500	51,800							
20	45,200	45,700	45,400	44,400	48,000						
25	44,600	44,800	44,700	43,700	42,400	41,600	36,300				
30	44,600	44,400	44,100	43,200	41,800	40,000	36,300	29,900	25,400		
35	40,100	42,300	43,600	40,800	37,800	36,100	34,100	29,900	25,400		
40	31,600	33,800	34,900	35,100	34,500	33,000	32,200	29,900	25,400		
45		27,600	28,800	29,000	28,900	28,500	27,900	27,400	25,400		
50		22,900	24,100	24,300	24,200	23,800	23,200	22,700	22,300		
55		19,200	20,400	20,600	20,500	20,100	19,500	19,000	18,600		
60			17,400	17,700	17,600	17,200	16,800	16,300	15,900		
65				15,100	15,400	15,300	14,900	14,400	13,900	13,500	
70				13,000	13,300	13,300	12,900	12,400	11,900	11,500	
75					11,600	11,600	11,200	10,700	10,200	9,800	
80					10,100	10,100	9,700	9,200	8,800	8,400	
85						8,800	8,500	7,900	7,500	7,100	
90						7,700	7,300	6,800	6,400	6,000	
95							6,700	6,300	5,800	5,400	5,000
100								5,800	5,500	5,000	4,200
105									4,700	4,200	3,800
110									4,000	3,500	2,700
115										3,300	2,800
120											2,200
125											1,800
130											1,500
Min.Bm. Ang./Cap.	0	27,800	0	18,300	0	11,500	0	8,500	0	5,600	0
Radius (ft)	42.8	56.5	71.5	86.5	101.5	116.5	131.5	127.0	124.0	32.5	36.5

Not for crane operations

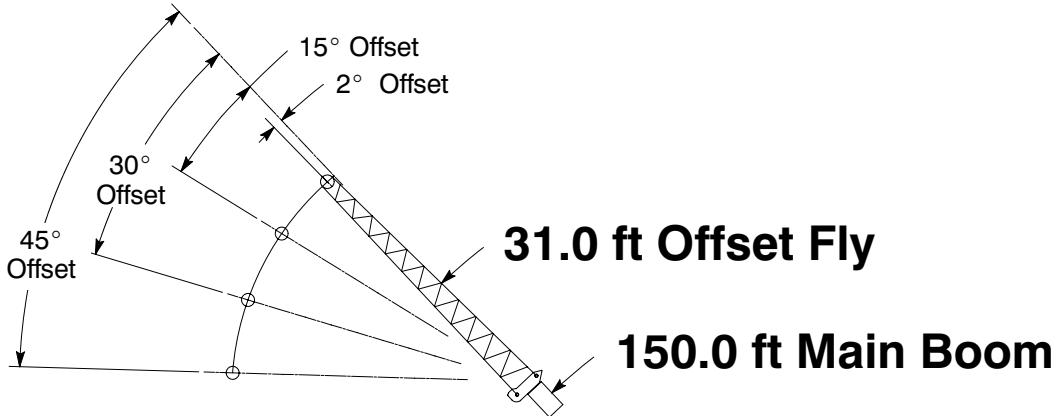
Rated Lifting Capacities In Pounds				Intermediate				29,000 lb						
Boom Length (ft)	41.4	55.0	70.0	85.0	100.0	115.0	124.7							
Load Radius (ft)	 10.0 ft Offset Fly													
10	51,800	51,800												
12	47,300	51,800	51,800											
15	46,400	46,800	51,800	51,800										
20	45,200	45,700	46,000	45,800	51,800									
25	44,600	44,900	45,100	45,000	44,300	50,700								
30	44,600	44,400	44,500	44,400	43,800	42,800	41,600							
35	40,100	42,300	42,800	42,300	41,300	40,100	37,300							
40	31,600	33,700	34,200	33,900	33,400	32,600	32,100							
45		27,600	28,000	27,700	27,200	26,400	26,000							
50		22,800	23,300	23,000	22,500	21,800	21,300							
55		19,200	19,700	19,300	18,900	18,100	17,700							
60			16,800	16,500	16,100	15,400	15,000							
65			14,400	14,100	13,700	13,000	12,600							
70			12,300	12,100	11,700	11,000	10,700							
75				10,400	10,000	9,300	9,000							
80					8,900	8,600	7,900	7,500						
85					7,600	7,300	6,600	6,300						
90						6,200	5,500	5,200						
95						5,200	4,500	4,200						
100						4,300	3,700	3,300						
105							2,900	2,600						
110								2,200	1,900					
115								1,500	1,200					
Min.Bm. Ang./Cap.	0	27,800	0	18,300	0	11,800	0	7,300	0	4,100	0	1,400	25.0	
Radius (ft)	42.8	56.5	71.5	86.5	101.5	116.5	116.0							

Not for crane operations



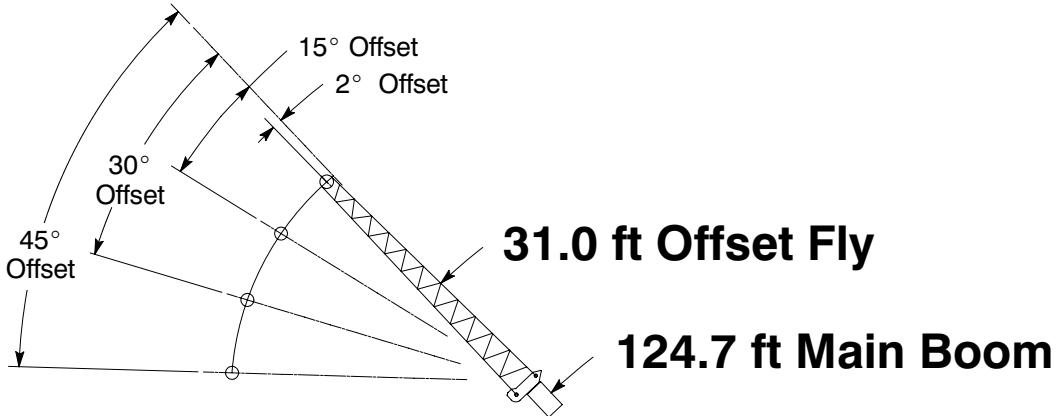
Rated Lifting Capacities In Pounds									
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset		
	°	360°	°	360°	°	360°	°	360°	
35	79.0	14,600							
40	78.0	14,600							
45	77.0	14,600	79.0	14,600					
50	75.5	14,600	78.0	14,600					
55	74.5	14,600	76.5	14,600	78.5	14,300			
60	73.0	14,600	75.5	14,600	77.5	14,100	79.0	13,200	
65	71.5	13,900	74.0	14,600	76.0	14,000	77.5	13,100	
70	70.0	11,900	72.0	12,800	74.5	13,800	76.5	13,100	
75	68.0	10,200	70.5	11,100	73.0	12,000	74.5	12,700	
80	66.0	8,700	68.5	9,500	71.0	10,300	73.0	11,000	
85	64.5	7,400	66.5	8,200	69.0	8,900	71.0	9,500	
90	62.5	6,300	65.0	7,000	67.0	7,700	69.0	8,200	
95	60.5	5,300	63.0	6,000	65.0	6,600	67.0	7,100	
100	59.0	4,500	61.0	5,000	63.0	5,600	65.0	6,000	
105	57.0	3,700	59.0	4,200	61.0	4,700	62.5	5,100	
110	55.0	3,000	57.0	3,500	59.0	3,900	60.5	4,300	
115	53.0	2,300	55.0	2,800	57.0	3,200	58.5	3,500	
120	51.0	1,800	53.0	2,200	55.0	2,600	56.5	2,800	
125	49.0	1,200	51.0	1,600	53.0	2,000	54.0	2,200	
130					50.5	1,400	51.5	1,600	
Min.Bm. Ang./Cap.	48.5		49.0		49.5		49.5		
Radius (ft)	126.3		130.0		133.0		135.0		
Maximum Boom Length At 0° Boom Angle (ft)	116								

Not for crane operations



Rated Lifting Capacities In Pounds								
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
35	79.0	17,600						
40	77.5	17,600						
45	76.0	17,600	78.5	17,300				
50	75.0	17,600	77.0	17,000	79.0	15,300		
55	73.5	17,600	75.5	16,700	77.5	15,000	79.5	13,900
60	72.0	16,400	74.0	16,400	76.5	14,800	78.0	13,700
65	70.0	14,000	72.5	15,000	74.5	14,600	76.5	13,600
70	68.0	12,000	70.5	12,900	73.0	13,900	75.0	13,500
75	66.0	10,200	68.5	11,100	71.0	12,000	73.0	12,700
80	64.0	8,800	66.5	9,600	69.0	10,400	71.0	11,000
85	62.0	7,500	64.5	8,200	67.0	8,900	69.0	9,500
90	60.0	6,400	62.5	7,100	65.0	7,700	66.5	8,200
95	58.0	5,400	60.5	6,000	63.0	6,600	64.5	7,100
100	56.0	4,500	58.5	5,100	60.5	5,600	62.5	6,000
105	54.0	3,700	56.5	4,300	58.5	4,800	60.0	5,100
110	52.0	3,000	54.0	3,500	56.5	4,000	58.0	4,300
115	49.5	2,400	52.0	2,900	54.0	3,300	55.5	3,500
120	47.5	1,800	49.5	2,200	51.5	2,600	53.0	2,800
125	45.0	1,300	47.5	1,700	49.5	2,000	50.5	2,200
130			45.0	1,200	47.0	1,500	47.5	1,600
Min.Bm. Ang./Cap.	44.0		44.5		45.0		45.0	
Radius (ft)	127.0		131.0		133.3		135.0	
Maximum Boom Length At 0° Boom Angle (ft)	114							

Not for crane operations



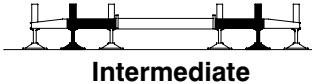
Rated Lifting Capacities In Pounds			Intermediate				EM 3	
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
30	78.5	28,100						
35	77.0	27,000	79.0	20,400				
40	75.5	26,000	77.5	20,400				
45	73.5	24,900	75.5	19,300	78.0	16,600		
50	71.5	22,200	74.0	18,700	76.0	16,300	78.5	14,700
55	69.5	18,600	72.0	18,200	74.5	15,900	76.5	14,500
60	67.0	15,900	70.0	17,100	72.5	15,600	74.5	14,300
65	65.0	13,500	67.5	14,500	70.5	15,300	72.5	14,100
70	62.5	11,500	65.5	12,400	68.5	13,400	70.5	14,000
75	60.5	9,700	63.0	10,600	66.0	11,500	68.0	12,200
80	58.0	8,300	61.0	9,100	63.5	9,800	65.5	10,400
85	56.0	7,000	58.5	7,700	61.0	8,400	63.0	8,900
90	53.5	5,900	56.0	6,600	58.5	7,200	60.5	7,600
95	51.0	4,900	53.5	5,500	56.0	6,100	57.5	6,500
100	48.5	4,100	51.0	4,600	53.5	5,100	55.0	5,400
105	45.5	3,300	48.5	3,800	50.5	4,200	52.0	4,500
110	43.0	2,600	45.5	3,000	47.5	3,400	49.0	3,600
115	40.0	2,000	42.5	2,400	44.5	2,700	45.5	2,800
120	37.0	1,400	39.5	1,700	41.5	2,000		
125					37.5	1,400		
Min.Bm. Ang./Cap.	35.0		36.0		35.5		36.0	
Radius (ft)	123.0		125.0		127.5		127.5	
Maximum Boom Length At 0° Boom Angle (ft)	103							

Not for crane operations

**This Page Left Blank
Intentionally**

Not for crane operations

**Rated Lifting Capacities
In Pounds**



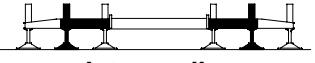
Intermediate

43,000 lb



Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft		100.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°	24°	360°
10	69.0	234,300	74.5	77,300	77.5	51,000				
12	66.0	209,100	72.5	77,300	76.5	51,000				
15	61.0	179,300	69.0	77,300	74.0	51,000	76.5	51,200		
20	52.0	130,100	63.0	77,300	69.5	51,000	73.5	51,200	76.0	47,900
25	41.5	83,700	57.0	77,300	65.0	51,000	70.0	51,200	73.5	47,900
30	27.0	59,700	50.0	64,600	60.0	51,000	66.5	51,200	70.5	43,600
35			42.0	49,600	55.0	49,600	62.5	46,700	67.5	39,300
40			32.5	39,500	49.5	42,100	58.5	42,300	64.0	35,600
45			17.5	32,200	43.5	34,700	54.5	35,600	61.0	32,500
50					37.0	29,300	50.0	30,100	57.5	29,800
55					28.5	24,900	45.0	25,700	54.0	26,200
60					15.5	21,400	39.5	22,200	50.0	22,700
65							33.0	19,300	45.5	19,800
70							25.5	17,000	41.0	17,400
75							14.0	15,000	36.0	15,500
80									30.5	13,700
85									23.5	12,200
90									12.5	10,900
Min.Bm. Ang./Cap.	0.0	50,400	0.0	26,500	0.0	13,900	0.0	11,800	0.0	9,400
Radius (ft)	32.8		46.5		61.5		76.5		91.5	

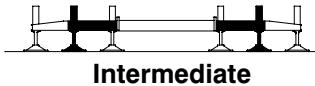
Load Radius (ft)	115.0 ft		130.0 ft		145.0 ft		155.0 ft		162.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°	24°	360°
25	76.0	48,100	77.5	37,100						
30	73.5	44,400	75.5	37,100	77.5	32,800				
35	71.0	40,100	73.5	36,000	75.5	32,800	77.0	28,900	77.0	26,100
40	68.5	36,500	71.5	32,700	74.0	32,800	75.5	28,900	76.0	26,100
45	65.5	33,300	69.0	29,800	72.0	31,500	73.5	28,900	74.5	26,100
50	63.0	30,300	66.5	27,300	70.0	28,900	72.0	27,200	72.5	26,100
55	59.5	26,000	64.0	25,200	67.5	25,000	70.0	24,600	71.0	24,100
60	56.5	22,500	61.5	22,200	65.5	21,600	67.5	21,200	69.0	20,900
65	53.5	19,600	58.5	19,400	63.0	18,700	65.5	18,400	66.5	18,100
70	50.0	17,200	56.0	17,200	60.5	16,600	63.0	16,200	64.5	16,000
75	46.5	15,300	53.0	15,200	58.0	14,600	61.0	14,200	62.5	14,000
80	42.5	13,600	50.0	13,400	55.5	12,900	58.5	12,500	60.0	12,300
85	38.5	12,000	47.0	11,900	53.0	11,400	56.0	11,000	58.0	10,800
90	34.0	10,700	43.5	10,600	50.0	10,000	53.5	9,700	55.5	9,500
95	28.5	9,500	40.0	9,400	47.5	8,800	51.0	8,500	53.5	8,300
100	22.0	8,500	36.0	8,300	44.5	7,800	48.5	7,500	51.0	7,300
105	12.0	7,600	31.5	7,400	41.0	6,900	46.0	6,600	48.5	6,400
110			26.5	6,600	38.0	6,000	43.0	5,700	46.0	5,500
115			20.5	5,800	34.0	5,300	40.0	5,000	43.0	4,800
120			11.0	5,200	30.0	4,600	36.5	4,300	40.0	4,100
125					25.5	4,000	33.0	3,700	37.0	3,500
130					19.5	3,400	29.5	3,100	34.0	2,900
135					10.5	2,900	25.0	2,600	30.0	2,400
140							19.0	2,100	26.0	1,900
145							10.5	1,700	21.0	1,400
Min.Bm. Ang./Cap.	0.0	7,400	0.0	5,000	0.0	2,800	0.0	1,600	16.0	
Radius (ft)	106.5	121.5		136.5		146.5		148.7		

Rated Lifting Capacities In Pounds						Intermediate		 43,000 lb			
Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft		100.0 ft		
	24°	360°	24°	360°	24°	360°	24°	360°	24°	360°	
10	69.0	234,300	74.5	77,300	78.0	67,800					
12	66.0	209,100	72.5	77,300	76.5	67,800					
15	61.0	179,300	69.0	77,300	74.0	67,800	77.0	68,100			
20	52.0	130,100	63.0	77,300	69.5	67,800	74.0	66,100	76.5	60,000	
25	41.5	83,700	57.0	77,300	65.0	66,900	70.0	58,200	73.5	53,400	
30	27.0	59,700	50.0	64,600	60.5	59,800	66.5	51,700	70.5	47,700	
35			42.0	49,600	55.5	52,100	62.5	46,400	67.5	43,100	
40			32.5	39,500	49.5	42,000	58.5	42,100	64.5	39,300	
45			17.5	32,200	43.5	34,700	54.5	35,400	61.0	35,600	
50					37.0	29,100	50.0	29,900	57.5	30,200	
55					28.5	24,700	45.0	25,600	54.0	25,800	
60					15.5	21,300	39.5	22,100	50.0	22,300	
65							33.5	19,200	45.5	19,400	
70							25.5	16,900	41.0	17,200	
75							14.0	14,800	36.5	15,100	
80									30.5	13,400	
85									23.5	11,900	
90									12.5	10,500	
Min.Bm. Ang./Cap.	0.0	50,400	0.0	26,500	0.0	15,300	0.0	12,900	0.0	10,200	
Radius (ft)	32.8		46.5		61.5		76.5		91.5		

Load Radius (ft)	115.0 ft		130.0 ft		140.0 ft		150.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°
25	76.5	49,300	78.0	45,100				
30	73.5	44,100	76.0	43,200	77.5	37,200	78.0	31,900
35	71.0	39,800	74.0	39,100	75.5	37,200	76.5	31,900
40	68.5	36,100	71.5	35,700	73.5	34,900	75.0	31,900
45	65.5	33,000	69.5	32,700	71.5	32,000	73.0	30,000
50	63.0	29,900	67.0	29,400	69.0	28,900	71.0	27,500
55	60.0	25,600	64.0	25,100	67.0	24,600	69.0	24,300
60	56.5	22,200	61.5	21,700	64.5	21,200	66.5	20,800
65	53.5	19,300	58.5	18,800	62.0	18,400	64.5	18,000
70	50.0	17,000	56.0	16,700	59.5	16,300	62.0	15,900
75	46.5	15,000	53.0	14,600	56.5	14,300	59.5	13,900
80	42.5	13,200	50.0	12,900	54.0	12,500	57.0	12,200
85	38.5	11,700	47.0	11,300	51.0	11,000	54.5	10,700
90	34.0	10,400	43.5	10,000	48.5	9,700	52.0	9,400
95	28.5	9,200	40.0	8,800	45.5	8,500	49.5	8,200
100	22.0	8,200	36.0	7,800	42.0	7,500	46.5	7,200
105	12.0	7,300	32.0	6,900	38.5	6,500	44.0	6,200
110			27.0	6,000	35.0	5,700	40.5	5,400
115			21.0	5,300	31.0	4,900	37.5	4,600
120			11.0	4,600	26.0	4,300	34.0	4,000
125					20.0	3,600	30.0	3,300
130					11.0	3,100	25.5	2,800
135							19.5	2,300
140							10.5	1,800
Min.Bm. Ang./Cap.	0.0	7,100	0.0	4,500	0.0	3,000	0.0	1,700
Radius (ft)	106.5		121.5		131.5		141.5	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



43,000 lb



Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°
10	69.0	234,300	74.5	73,800	78.0	68,700		
12	66.0	209,100	72.5	73,800	76.5	68,700		
15	61.0	179,300	69.0	73,800	74.0	68,700	77.0	69,100
20	52.0	130,100	63.0	73,800	70.0	68,700	74.0	69,100
25	41.5	83,700	57.0	73,800	65.0	68,700	70.5	69,100
30	27.0	59,700	50.0	64,600	60.5	66,100	66.5	66,000
35			42.0	49,600	55.0	51,300	62.5	51,200
40			32.5	39,500	49.5	41,100	58.5	41,200
45			17.5	32,200	43.5	33,800	54.0	34,000
50					36.5	28,300	49.5	28,500
55					28.5	23,900	44.5	24,100
60					15.5	20,500	39.5	20,600
65							33.0	17,800
70							25.5	15,500
75							13.5	13,500
Min.Bm. Ang./Cap.	0.0	50,400	0.0	26,900	0.0	19,600	0.0	13,000
Radius (ft)	32.8		46.5		61.5		76.5	

Load Radius (ft)	100.0 ft		115.0 ft		124.7 ft	
	24°	360°	24°	360°	24°	360°
20	76.5	61,000				
25	73.5	59,400	76.5	55,300	78.0	51,000
30	70.5	52,800	74.0	49,400	75.5	45,400
35	67.5	47,500	71.5	44,400	73.5	40,600
40	64.0	40,900	68.5	40,100	71.0	36,500
45	61.0	33,800	66.0	33,100	68.5	32,700
50	57.0	28,400	63.0	27,700	65.5	27,300
55	53.5	24,100	59.5	23,500	63.0	23,100
60	49.5	20,600	56.5	20,100	60.0	19,700
65	45.5	17,700	53.5	17,200	57.0	17,100
70	41.0	15,500	50.0	15,000	54.0	14,700
75	36.0	13,400	46.5	13,000	51.0	12,700
80	30.5	11,700	42.5	11,200	48.0	11,000
85	23.5	10,200	38.5	9,700	44.5	9,500
90	12.5	8,900	34.0	8,400	40.5	8,200
95			28.5	7,300	36.5	7,000
100			22.0	6,200	32.5	6,000
105			12.0	5,300	27.0	5,100
110					21.0	4,300
115					10.5	3,500
Min.Bm. Ang./Cap.	0.0	8,600	0.0	5,100	0.0	3,400
Radius (ft)	91.5		106.5		116.2	

**Rated Lifting Capacities
In Pounds**



43,000 lb

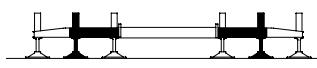


Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft	
	24°	360°	24°	360°	24°	360°
10	69.0	234,300	74.5	73,800	78.0	68,700
12	66.0	209,100	72.5	73,800	76.5	68,700
15	61.0	179,300	69.0	73,800	74.0	68,700
20	52.0	130,100	63.0	73,800	70.0	68,700
25	41.5	83,700	57.0	73,800	65.0	68,700
30	27.0	59,700	50.0	64,600	60.5	66,100
35			42.0	49,600	55.0	51,300
40			32.5	39,500	49.5	41,100
45			17.5	32,200	43.5	33,800
50					36.5	28,300
55					28.5	23,900
60					15.5	20,500
Min.Bm. Ang./Cap.	0.0	50,400	0.0	26,900	0.0	19,600
Radius (ft)	32.8		46.5		61.5	

Load Radius (ft)	85.0 ft		100.0 ft		112.0 ft	
	24°	360°	24°	360°	24°	360°
15	77.0	64,900				
20	74.0	64,900	76.5	65,200	78.5	56,400
25	70.5	64,900	74.0	65,200	76.0	55,500
30	66.5	64,900	71.0	63,900	73.5	48,900
35	62.5	51,100	67.5	50,200	70.5	43,400
40	58.5	41,100	64.5	40,200	68.0	39,000
45	54.0	33,900	61.0	33,200	65.0	32,700
50	49.5	28,400	57.5	27,700	62.0	27,300
55	44.5	24,000	53.5	23,500	58.5	23,000
60	39.0	20,600	49.5	20,000	55.5	19,600
65	33.0	17,700	45.5	17,300	52.0	16,900
70	25.5	15,400	41.0	14,900	48.5	14,600
75	13.5	13,400	36.0	12,900	44.5	12,500
80			30.5	11,100	40.5	10,800
85			23.5	9,600	36.0	9,300
90			12.5	8,300	31.0	8,000
95					25.0	6,900
100					17.0	5,800
Min.Bm. Ang./Cap.	0.0	12,900	0.0	8,000	0.0	5,200
Radius (ft)	76.5		91.5		103.5	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



Intermediate

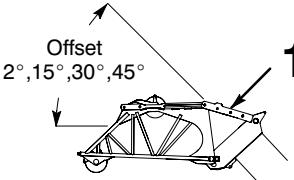
43,000 lb



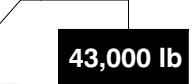
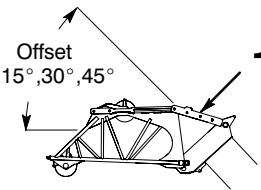
Load Radius (ft)	41.4 ft		55.5 ft	
	24°	360°	24°	360°
10	69.0	234,300	74.5	157,000
12	66.0	209,100	72.5	157,000
15	61.0	179,300	69.5	157,000
20	52.0	130,100	63.5	133,900
25	41.5	83,700	57.0	87,500
30	27.0	59,700	50.0	63,400
35			42.5	48,500
40			33.0	38,500
45			19.5	31,200
Min.Bm. Ang./Cap.	0.0	50,400	0.0	28,900
Radius (ft)	32.8		47.0	

Load Radius (ft)	70.4 ft		86.2 ft	
	24°	360°	24°	360°
10	78.5	151,100		
12	77.0	150,200		
15	74.5	135,800	78.0	105,500
20	70.0	116,900	74.5	89,800
25	65.5	88,000	71.0	77,900
30	60.5	64,100	67.0	63,200
35	55.5	49,400	63.0	48,700
40	50.0	39,300	59.0	38,800
45	44.0	32,100	55.0	31,700
50	37.0	26,600	50.5	26,300
55	29.0	22,300	45.5	22,000
60	16.5	18,900	40.5	18,500
65			34.5	15,800
70			27.5	13,400
75			17.5	11,400
Min.Bm. Ang./Cap.	0.0	17,800	0.0	10,500
Radius (ft)	61.9		77.7	

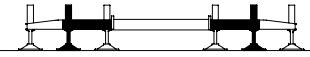
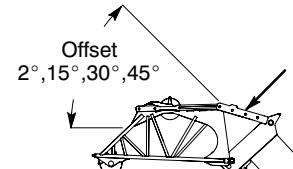
Not for crane operations

Rated Lifting Capacities In Pounds																		
Boom Length (ft)	41.4	55.0	70.0	85.0	100.0	115.0	130.0	145.0	155.0	162.0								
Load Radius (ft)											 Offset 2°, 15°, 30°, 45°	10.0 ft Offset Fly						
10	51,800	51,800																
12	47,300	51,800	48,600															
15	46,400	46,800	48,600	48,600														
20	45,200	45,700	45,200	44,000	45,100													
25	44,600	44,800	44,500	43,400	41,200	38,300	28,900											
30	44,600	44,400	43,900	43,000	39,200	38,300	28,900	25,600	22,400									
35	44,600	44,300	41,300	41,300	35,200	36,400	28,900	25,600	22,400									
40		39,300	41,500	37,400	37,400	32,200	33,200	28,900	25,600	22,400	20,000							
45			34,300	34,400	34,400	29,300	30,300	27,300	25,600	22,400	20,000							
50			28,700	30,100	30,300	26,800	27,800	24,900	25,600	22,400	20,000							
55				24,400	25,800	26,000	24,700	25,600	22,900	24,200	22,400	20,000						
60					22,300	22,500	22,600	22,200	21,100	21,100	20,700	20,000						
65					19,400	19,700	19,800	19,300	19,000	18,300	17,900	17,600						
70						17,100	17,300	17,400	17,100	16,800	16,100	15,700	15,500					
75							15,300	15,500	15,100	14,800	14,100	13,700	13,500					
80							13,600	13,800	13,400	13,100	12,400	12,000	11,800					
85								12,100	12,300	11,900	11,600	10,900	10,500	10,300				
90									10,900	10,600	10,300	9,600	9,200	9,000				
95									9,800	9,400	9,100	8,500	8,100	7,800				
100										8,700	8,400	8,100	7,400	7,100	6,800			
105											7,400	7,200	6,500	6,100	5,900			
110											6,600	6,300	5,700	5,300	5,100			
115												5,900	5,600	4,900	4,600	4,300		
120													4,900	4,300	3,900	3,700		
125													4,200	3,600	3,300	3,000		
130														3,700	3,100	2,700	2,500	
135															2,600	2,200	2,000	
140															2,000	1,700	1,500	
145																1,600	1,300	
Min.Bm. Ang./Cap.	0	34,200	0	18,300	0	10,600	0	9,000	0	7,300	0	5,700	0	3,600	0	1,600	23.0	31.0
Radius (ft)	42.8		56.5		71.5		86.5		101.5		116.5		131.5		146.5		147.5	143.8

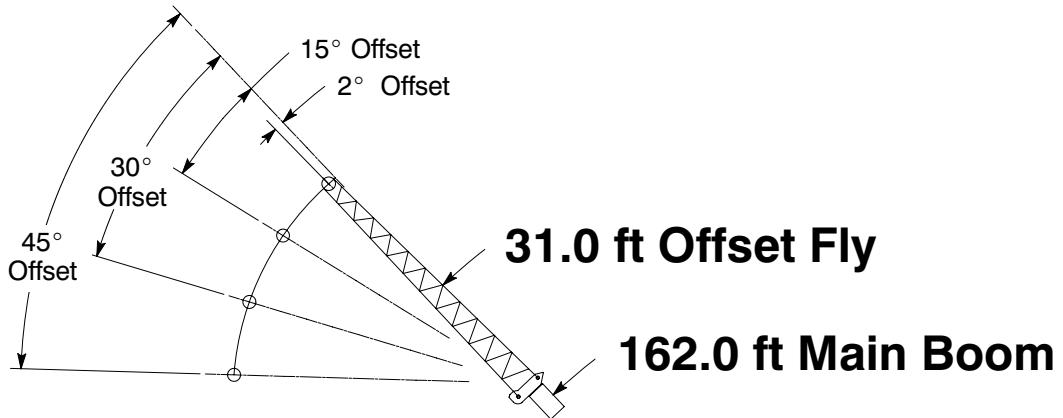
Not for crane operations

Rated Lifting Capacities In Pounds				Intermediate		 43,000 lb					
Boom Length (ft)	41.4	55.0	70.0	85.0	100.0	115.0	130.0	140.0	150.0		
Load Radius (ft)	 10.0 ft Offset Fly										
10	51,800	51,800									
12	47,300	51,800	51,800								
15	46,400	46,800	51,500	51,800							
20	45,200	45,700	45,400	44,400	48,000						
25	44,600	44,800	44,700	43,700	42,400	41,600	36,300				
30	44,600	44,400	44,100	43,200	41,800	40,000	36,300	29,900	25,400		
35	44,600	44,300	43,600	40,800	37,800	36,100	34,100	29,900	25,400		
40	39,300	41,500	39,700	37,000	34,500	33,000	32,200	29,900	25,400		
45		34,300	35,400	34,100	31,700	30,100	29,500	29,500	25,400		
50		28,700	29,900	30,200	29,200	27,600	27,100	27,100	25,400		
55		24,400	25,600	25,800	25,700	25,400	24,700	24,300	23,300		
60			22,100	22,400	22,300	21,900	21,300	20,800	20,400		
65			19,300	19,500	19,400	19,000	18,500	18,000	17,600		
70			17,000	17,300	17,200	16,800	16,300	15,800	15,500		
75				15,200	15,200	14,800	14,300	13,800	13,500		
80				13,500	13,500	13,100	12,600	12,100	11,800		
85				12,000	11,900	11,600	11,100	10,600	10,300		
90					10,600	10,300	9,800	9,300	9,000		
95					9,500	9,100	8,600	8,200	7,800		
100					8,400	8,100	7,600	7,200	6,800		
105						7,200	6,700	6,200	5,900		
110						6,300	5,800	5,400	5,100		
115						5,600	5,100	4,700	4,300		
120							4,400	4,000	3,600		
125							3,800	3,400	3,000		
130							3,200	2,800	2,400		
135								2,300	1,900		
140									1,800	1,400	
Min.Bm. Ang./Cap.	0	34,200	0	18,300	0	11,500	0	9,800	0	8,100	0
Radius (ft)	42.8	56.5	71.5	86.5	101.5	116.5	131.5	141.5	143.8		

Not for crane operations

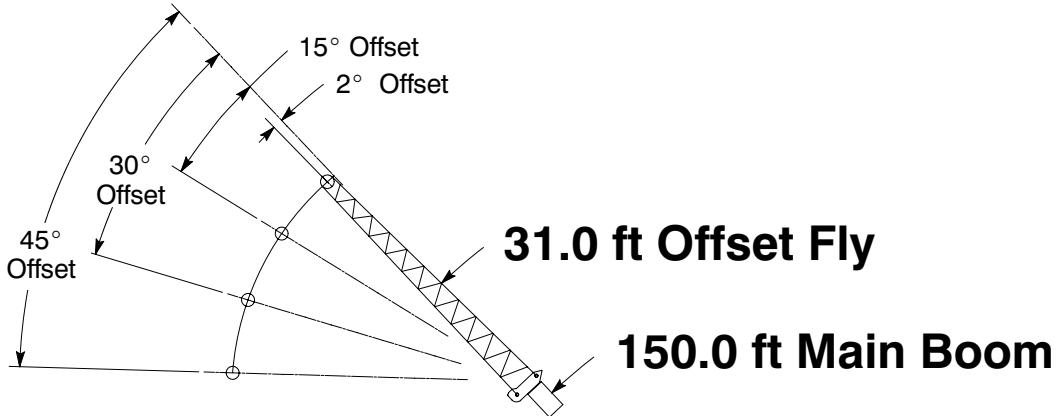
Rated Lifting Capacities In Pounds				Intermediate				EM 3				
Boom Length (ft)	41.4	55.0	70.0	85.0	100.0	115.0	124.7					
Load Radius (ft)	 10.0 ft Offset Fly											
10	51,800	51,800										
12	47,300	51,800	51,800									
15	46,400	46,800	51,800	51,800								
20	45,200	45,700	46,000	45,800	51,800							
25	44,600	44,900	45,100	45,000	44,300	50,700					43,400	
30	44,600	44,400	44,500	44,400	43,800	42,800					41,600	
35	44,600	44,300	44,100	44,000	41,300	40,100					37,300	
40	39,300	41,400	41,900	41,500	37,500	36,400					34,000	
45		34,200	34,700	34,300	33,900	33,100					31,000	
50		28,700	29,200	28,900	28,400	27,600					27,200	
55		24,400	24,900	24,600	24,100	23,400					22,900	
60			21,400	21,100	20,700	19,900					19,500	
65			18,600	18,300	17,900	17,100					16,900	
70			16,300	16,000	15,700	15,000					14,600	
75				14,000	13,700	13,000					12,600	
80				12,300	11,900	11,300					10,900	
85				10,800	10,400	9,800					9,400	
90					9,100	8,500					8,100	
95					8,000	7,300					7,000	
100					6,900	6,300					6,000	
105						5,400					5,000	
110							4,600				4,200	
115							3,800				3,500	
120											2,800	
125											2,200	
Min.Bm. Ang./Cap.	0	34,200	0	18,500	0	15,700	0	10,400	0	6,700	0	2,100
Radius (ft)	42.8		56.5		71.5		86.5		101.5		116.5	

Not for crane operations

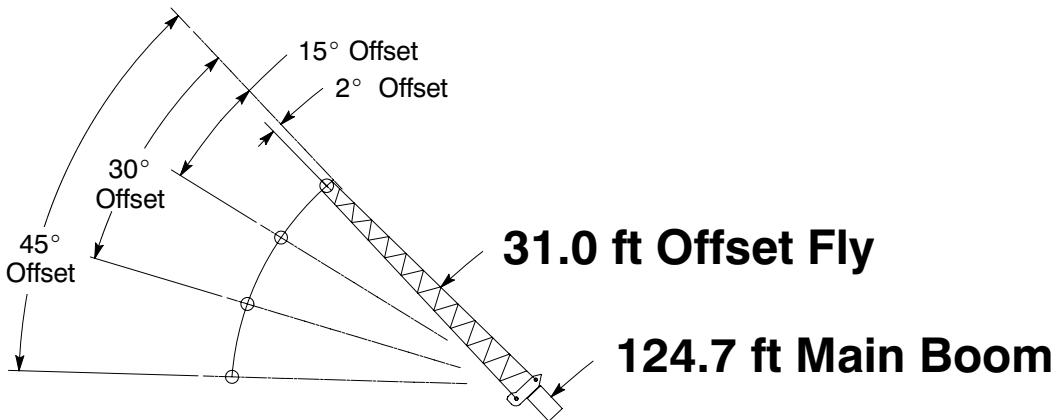


Rated Lifting Capacities In Pounds									
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset		
	2° 360°	2° 360°	15° 360°	15° 360°	30° 360°	30° 360°	45° 360°	45° 360°	
35	79.0	14,600							
40	78.0	14,600							
45	77.0	14,600	79.0	14,600					
50	75.5	14,600	78.0	14,600					
55	74.5	14,600	76.5	14,600	78.5	14,300			
60	73.0	14,600	75.5	14,600	77.5	14,100	79.0	13,200	
65	72.0	14,600	74.0	14,600	76.0	14,000	77.5	13,100	
70	70.5	14,600	73.0	14,600	74.5	13,800	76.5	13,100	
75	69.0	13,800	71.5	14,600	73.5	13,700	75.0	13,000	
80	67.0	12,100	69.5	12,900	72.0	13,600	73.5	12,900	
85	65.5	10,600	67.5	11,300	70.0	12,100	72.0	12,700	
90	63.5	9,300	65.5	10,000	68.0	10,600	70.0	11,200	
95	61.5	8,100	64.0	8,700	66.0	9,400	68.0	9,800	
100	59.5	7,100	62.0	7,700	64.0	8,200	65.5	8,700	
105	57.5	6,200	60.0	6,700	62.0	7,200	63.5	7,600	
110	55.5	5,300	58.0	5,800	60.0	6,300	61.5	6,700	
115	53.5	4,600	56.0	5,100	58.0	5,500	59.5	5,800	
120	51.5	3,900	54.0	4,300	56.0	4,700	57.0	5,000	
125	49.5	3,300	51.5	3,700	53.5	4,100	55.0	4,300	
130	47.5	2,700	49.5	3,100	51.5	3,400	52.5	3,600	
135	45.0	2,200	47.5	2,500	49.0	2,800	50.0	3,000	
140	43.0	1,700	45.0	2,000	46.5	2,300	47.5	2,400	
145					44.0	1,800	45.0	1,900	
Min.Bm. Ang./Cap.	42.5		42.5		43.0		43.0		
Radius (ft)	143.0		145.0		149.0		150.0		
Maximum Boom Length At 0° Boom Angle (ft)	132								

Not for crane operations

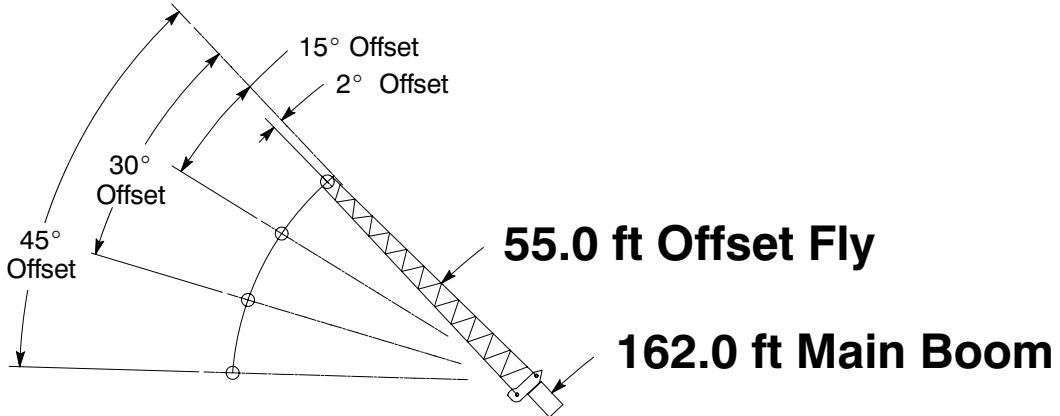


Rated Lifting Capacities In Pounds							43,000 lb	
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
35	79.0	17,600						
40	77.5	17,600						
45	76.0	17,600	78.5	17,300				
50	75.0	17,600	77.0	17,000	79.0	15,300		
55	73.5	17,600	75.5	16,700	77.5	15,000	79.5	13,900
60	72.0	17,600	74.0	16,400	76.5	14,800	78.0	13,700
65	71.0	17,600	72.5	16,200	74.5	14,600	76.5	13,600
70	69.0	15,900	71.0	15,900	73.0	14,400	75.0	13,500
75	67.0	13,900	69.5	14,700	71.5	14,300	73.5	13,400
80	65.0	12,100	67.5	12,900	70.0	13,700	71.5	13,300
85	63.0	10,700	65.5	11,400	68.0	12,100	69.5	12,700
90	61.0	9,300	63.5	10,000	66.0	10,700	67.5	11,200
95	59.0	8,200	61.5	8,800	63.5	9,400	65.5	9,800
100	57.0	7,200	59.5	7,700	61.5	8,300	63.0	8,700
105	55.0	6,200	57.0	6,800	59.5	7,300	61.0	7,600
110	52.5	5,400	55.0	5,900	57.0	6,300	58.5	6,600
115	50.5	4,700	52.5	5,100	55.0	5,500	56.0	5,800
120	48.0	4,000	50.5	4,400	52.5	4,800	53.5	5,000
125	46.0	3,400	48.0	3,700	50.0	4,100	51.0	4,200
130	43.5	2,800	45.5	3,100	47.5	3,400	48.5	3,600
135	41.0	2,300	43.0	2,600	44.5	2,800	45.5	3,000
140	38.0	1,800	40.0	2,100	42.0	2,300		
145	35.0	1,400	37.5	1,600	39.0	1,800		
150			34.0	1,200	35.5	1,300		
Min.Bm. Ang./Cap.	33.0		33.0		34.0		34.0	
Radius (ft)	148.8		151.3		152.5		152.0	
Maximum Boom Length At 0° Boom Angle (ft)	Not for crane operations							

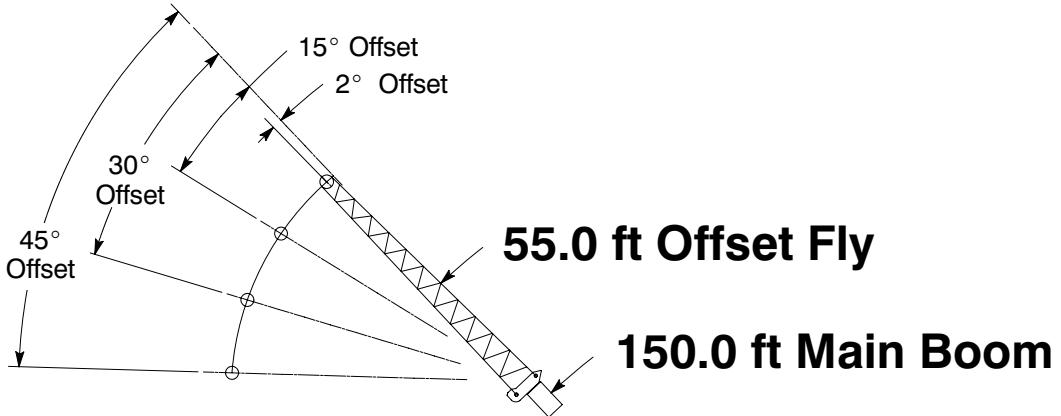


Rated Lifting Capacities In Pounds									
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset		
	°	360°	°	360°	°	360°	°	360°	
30	78.5	28,100							
35	77.0	27,000	79.0	20,400					
40	75.5	26,000	77.5	20,400					
45	73.5	24,900	75.5	19,300	78.0	16,600			
50	72.0	24,000	74.0	18,700	76.0	16,300	78.5	14,700	
55	70.0	23,100	72.0	18,200	74.5	15,900	76.5	14,500	
60	68.0	20,300	70.0	17,700	72.5	15,600	74.5	14,300	
65	65.5	17,500	68.0	17,300	70.5	15,300	72.5	14,100	
70	63.5	15,400	66.0	16,300	68.5	15,000	70.5	14,000	
75	61.0	13,400	64.0	14,200	66.5	14,800	68.5	13,800	
80	58.5	11,700	61.5	12,400	64.0	13,200	66.0	13,700	
85	56.5	10,200	59.0	10,900	61.5	11,600	63.5	12,100	
90	54.0	8,900	56.5	9,500	59.0	10,100	61.0	10,600	
95	51.5	7,700	54.0	8,300	56.5	8,900	58.0	9,200	
100	49.0	6,700	51.5	7,200	54.0	7,700	55.5	8,000	
105	46.0	5,800	49.0	6,300	51.0	6,700	52.5	7,000	
110	43.5	5,000	46.0	5,400	48.0	5,800	49.5	6,000	
115	40.5	4,200	43.0	4,600	45.0	4,900	46.0	5,100	
120	37.5	3,600	40.0	3,900	41.5	4,200			
125	34.0	2,900	36.5	3,200	38.0	3,500			
130	30.0	2,400	32.5	2,600	34.0	2,800			
135	26.0	1,900	28.0	2,100					
140	20.5	1,400	23.0	1,500					
Min.Bm. Ang./Cap.	15.0		15.0		9.0		9.5		
Radius (ft)	143.8		145.0		142.9		141.4		
Maximum Boom Length At 0° Boom Angle (ft)	116								

Not for crane operations

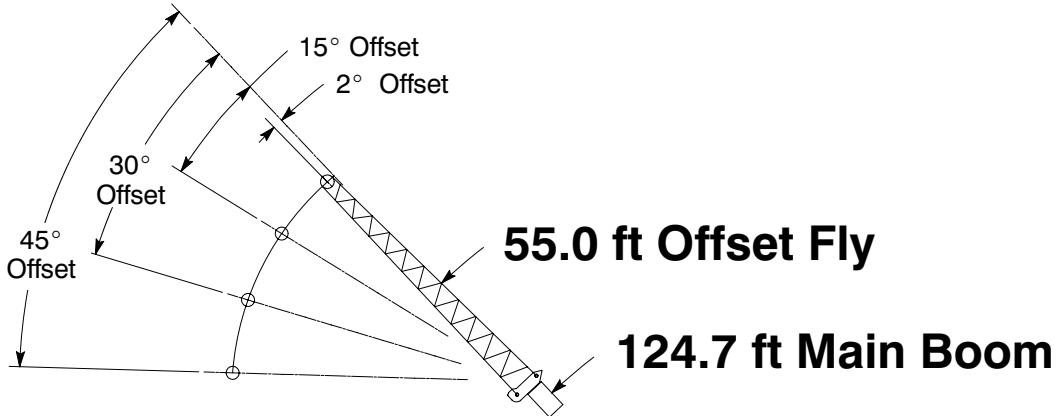


Rated Lifting Capacities In Pounds								
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
40	79.5	10,600						
45	78.5	10,600						
50	77.5	10,600						
55	76.5	10,600						
60	75.5	10,600	78.5	9,700				
65	74.5	10,600	77.5	9,500				
70	73.5	10,500	76.5	9,400	79.5	8,300		
75	72.0	10,300	75.0	9,200	78.5	8,200		
80	71.0	10,200	74.0	9,000	77.0	8,100		
85	69.5	10,000	72.5	8,900	76.0	8,000	78.5	7,300
90	68.5	9,800	71.5	8,700	74.5	7,800	77.0	7,300
95	67.0	8,800	70.0	8,600	73.5	7,700	76.0	7,200
100	65.0	7,800	69.0	8,500	72.0	7,600	74.5	7,100
105	63.5	6,800	67.5	7,800	70.5	7,600	73.0	7,100
110	62.0	6,000	65.5	6,900	69.0	7,500	71.5	7,100
115	60.0	5,200	64.0	6,100	67.5	6,900	70.0	7,000
120	58.5	4,600	62.0	5,300	65.5	6,100	68.5	6,700
125	56.5	3,900	60.5	4,600	63.5	5,300	66.5	5,900
130	55.0	3,300	58.5	4,000	62.0	4,700	64.5	5,100
135	53.0	2,800	56.5	3,400	60.0	4,000	62.5	4,500
140	51.5	2,300	54.5	2,900	58.0	3,500	60.0	3,800
145	49.5	1,900	53.0	2,400	56.0	2,900	58.0	3,300
150	47.5	1,500	51.0	2,000	54.0	2,400	56.0	2,700
155			49.0	1,500	52.0	2,000	53.5	2,200
160					49.5	1,500	51.0	1,700
165							49.0	1,300
Min.Bm. Ang./Cap.	45.5		47.0		47.5		48.0	
Radius (ft)	155.0		160.0		165.0		167.0	
Maximum Boom Length At 0° Boom Angle (ft)	Not for crane operations							124



Rated Lifting Capacities In Pounds			Intermediate		43,000 lb		EM 2	
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
40	79.5	12,700						
45	78.0	12,500						
50	77.0	12,200						
55	76.0	12,000	79.0	10,500				
60	74.5	11,700	78.0	10,300				
65	73.5	11,500	76.5	10,000				
70	72.0	11,200	75.5	9,800	79.0	8,600		
75	71.0	11,000	74.0	9,600	77.5	8,400		
80	69.5	10,700	72.5	9,400	76.0	8,300	79.0	7,600
85	68.0	10,500	71.5	9,200	74.5	8,200	77.5	7,500
90	66.5	10,100	70.0	9,000	73.0	8,000	76.0	7,400
95	65.0	9,000	68.5	8,900	71.5	7,900	74.5	7,400
100	63.0	7,900	67.0	8,700	70.0	7,800	73.0	7,300
105	61.5	7,000	65.0	7,900	68.5	7,700	71.5	7,200
110	59.5	6,100	63.5	7,000	67.0	7,600	69.5	7,200
115	57.5	5,400	61.5	6,200	65.5	7,000	68.0	7,200
120	56.0	4,700	59.5	5,400	63.5	6,200	66.0	6,700
125	54.0	4,100	57.5	4,700	61.0	5,400	64.0	5,900
130	52.0	3,500	55.5	4,100	59.0	4,700	61.5	5,200
135	50.0	3,000	53.5	3,500	57.0	4,100	59.5	4,500
140	48.0	2,500	51.5	3,000	55.0	3,500	57.0	3,800
145	46.0	2,000	49.5	2,500	52.5	3,000	54.5	3,300
150	44.0	1,600	47.5	2,100	50.5	2,500	52.0	2,700
155	42.0	1,200	45.0	1,600	48.0	2,000	49.5	2,200
160			43.0	1,200	45.5	1,600	46.5	1,700
Min.Bm. Ang./Cap.	41.0		42.0		43.0		43.0	
Radius (ft)	156.7		161.7		165.0		166.3	
Maximum Boom Length At 0° Boom Angle (ft)	121							

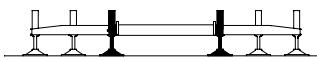
Not for crane operations



Rated Lifting Capacities In Pounds								
Load Radius (ft)	2° Offset		15° Offset		30° Offset		45° Offset	
	°	360°	°	360°	°	360°	°	360°
35	78.5	15,300						
40	77.5	14,800						
45	76.0	14,300	79.5	12,000				
50	74.5	13,800	78.0	11,600				
55	73.0	13,300	76.5	11,200				
60	71.5	12,800	75.0	10,900	79.0	9,300		
65	69.5	12,400	73.5	10,500	77.5	9,100		
70	68.0	12,000	72.0	10,200	76.0	8,900	79.0	8,000
75	66.5	11,600	70.0	9,900	74.0	8,700	77.5	7,800
80	65.0	11,200	68.5	9,700	72.5	8,500	75.5	7,700
85	63.0	10,800	67.0	9,400	70.5	8,300	74.0	7,600
90	61.0	9,900	65.0	9,200	69.0	8,200	72.0	7,600
95	59.0	8,800	63.0	9,000	67.0	8,000	70.0	7,500
100	57.0	7,700	61.5	8,700	65.0	7,900	68.0	7,400
105	55.0	6,800	59.0	7,700	63.0	7,800	66.0	7,400
110	53.0	6,000	57.0	6,800	61.0	7,600	63.5	7,300
115	50.5	5,200	54.5	5,900	58.5	6,700	61.5	7,200
120	48.5	4,500	52.5	5,200	56.0	5,800	59.0	6,300
125	46.0	3,900	50.0	4,500	53.5	5,100	56.0	5,500
130	43.5	3,300	47.5	3,900	51.0	4,400	53.0	4,700
135	41.0	2,800	45.0	3,300	48.0	3,700	50.0	4,000
140	38.5	2,300	42.0	2,800	45.5	3,100	46.5	3,300
145	35.5	1,900	39.5	2,300	42.0	2,600		
150	32.5	1,400	36.0	1,800	38.5	2,100		
155			32.5	1,400	35.0	1,500		
Min.Bm. Ang./Cap.	29.0		30.0		31.0		26.5	
Radius (ft)	155.0		158.0		159.0		155.4	
Maximum Boom Length At 0° Boom Angle (ft)	109							

Not for crane operations

**Rated Lifting Capacities
In Pounds**



Retracted

0 lb



Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft		100.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°	24°	360°
10	68.5	111,700	74.5	77,300	77.5	51,000				
12	65.5	72,800	72.0	77,300	76.5	51,000				
15	60.5	45,100	68.5	50,200	73.5	51,000	76.5	51,200		
20	51.5	24,100	62.5	29,000	69.0	31,600	73.0	32,300	75.5	32,700
25	41.0	13,900	56.5	18,300	64.5	21,000	69.5	21,600	72.5	22,000
30	27.0	7,800	49.5	12,000	59.5	14,600	65.5	15,400	69.5	15,900
35			41.5	7,800	54.5	10,400	61.5	11,200	66.0	11,700
40			32.0	4,900	49.0	7,300	57.5	8,100	63.0	8,700
45			17.5	2,600	43.0	5,000	53.5	5,800	59.5	6,400
50					36.0	3,300	48.5	4,100	56.0	4,600
55					27.5	1,900	44.0	2,700	52.5	3,200
60							38.5	1,500	48.5	2,000
Min.Bm. Ang./Cap.	0.0	5,100	0.0	2,100	18.5		36.0		44.5	
Radius (ft)	32.8		46.5		58.6		62.2		65.0	

Not for crane operations

Rated Lifting Capacities In Pounds										
Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft		100.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°	24°	360°
10	68.5	111,700	74.5	77,300	78.0	67,800				
			72.0	77,300	76.5	67,800				
15	60.5	45,100	68.5	50,200	73.5	52,900	77.0	53,800		
20	51.5	24,100	62.5	29,000	69.0	31,400	73.0	32,100	76.0	32,200
25	41.0	13,900	56.5	18,300	64.5	20,800	69.5	21,400	72.5	21,600
30	27.0	7,800	49.5	12,000	59.5	14,500	65.5	15,300	69.5	15,400
35			41.5	7,800	54.5	10,200	61.5	11,100	66.5	11,300
40			32.0	4,900	49.0	7,200	57.5	8,000	63.0	8,300
45			17.5	2,600	43.0	4,900	53.5	5,700	59.5	6,000
50					36.0	3,100	49.0	3,900	56.0	4,200
55					28.0	1,700	44.0	2,500	52.5	2,800
60							38.5	1,400	48.5	1,700
Min.Bm. Ang./Cap.	0.0	5,100	0.0	2,100	21.0		36.5		46.0	
Radius (ft)	32.8		46.5		57.5		61.5		63.0	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



Retracted

0 lb



Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°
10	68.5	111,700	74.5	73,800	78.0	68,700		
12	65.5	72,800	72.0	73,800	76.5	68,700		
15	60.5	45,100	68.5	50,200	73.5	51,800	76.5	51,700
20	51.5	24,100	62.5	28,900	69.0	30,300	73.0	30,200
25	41.0	13,900	56.5	18,200	64.5	19,900	69.5	19,800
30	27.0	7,800	49.5	12,000	59.5	13,600	65.5	13,700
35			41.5	7,800	54.5	9,400	61.5	9,600
40			32.0	4,800	49.0	6,300	57.5	6,600
45			17.5	2,600	43.0	4,100	53.5	4,300
50					36.5	2,400	49.0	2,600
55							44.0	1,200
Min.Bm. Ang./Cap.	0.0	5,100	0.0	2,000	28.5		43.5	
Radius (ft)	32.8		46.5		54.6		55.5	

Not for crane operations

Rated Lifting Capacities In Pounds								
Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°
10	68.5	111,700	74.5	73,800	78.0	68,700		
	65.5		72.0	73,800	76.5	68,700		
15	60.5	45,100	68.5	50,200	73.5	51,800	76.5	51,500
20	51.5	24,100	62.5	28,900	69.0	30,300	73.0	30,100
25	41.0	13,900	56.5	18,200	64.5	19,900	69.5	19,700
30	27.0	7,800	49.5	12,000	59.5	13,600	65.5	13,700
35			41.5	7,800	54.5	9,400	61.5	9,500
40			32.0	4,800	49.0	6,300	57.5	6,500
45			17.5	2,600	43.0	4,100	53.5	4,200
50					36.5	2,400	49.0	2,500
Min.Bm. Ang./Cap.	0.0	5,100	0.0	2,000	28.5		44.0	
Radius (ft)	32.8		46.5		54.6		55.0	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



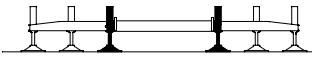
Load Radius (ft)	41.4 ft		55.5 ft		70.4 ft	
	24°	360°	24°	360°	24°	360°
10	68.5	111,700	74.5	116,900	78.0	117,800
12	65.5	72,800	72.0	76,900	76.5	77,600
15	60.5	45,100	69.0	48,700	73.5	49,300
20	51.5	24,100	63.0	27,800	69.0	28,300
25	41.0	13,900	56.5	17,300	64.5	18,000
30	27.0	7,800	50.0	11,000	60.0	11,900
35			42.0	6,900	55.0	7,700
40			33.0	3,900	49.5	4,800
45			19.5	1,700	43.5	2,600
Min.Bm. Ang./Cap.	0.0	5,100	6.0		38.5	
Radius (ft)	32.8		46.3		48.8	

Not for crane operations

**This Page Left Blank
Intentionally**

Not for crane operations

**Rated Lifting Capacities
In Pounds**



Retracted

14,000 lb



Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°
10	69.0	157,000	74.5	77,300	77.5	51,000		
12	65.5	104,000	72.5	77,300	76.5	51,000		
15	60.5	66,300	68.5	71,400	74.0	51,000	76.5	51,200
20	51.5	38,000	62.5	42,800	69.0	45,400	73.5	46,100
25	41.0	24,200	56.5	28,600	64.5	31,300	69.5	32,000
30	27.0	16,000	49.5	20,200	59.5	22,800	65.5	23,600
35			41.5	14,700	54.5	17,200	61.5	17,900
40			32.0	10,700	49.0	13,200	57.5	14,000
45			17.5	7,700	43.0	10,100	53.5	11,000
50					36.0	7,800	49.0	8,600
55					27.5	6,000	44.0	6,700
60					15.0	4,400	38.5	5,200
65							32.5	3,900
70							25.0	2,900
75							13.0	2,000
Min.Bm. Ang./Cap.	0.0	12,500	0.0	7,000	0.0	4,100	0.0	1,800
Radius (ft)	32.8		46.5		61.5		76.5	

Load Radius (ft)	100.0 ft		115.0 ft		130.0 ft	
	24°	360°	24°	360°	24°	360°
20	76.0	46,500				
25	73.0	32,400	75.5	32,000	77.5	31,700
30	69.5	23,900	72.5	23,600	75.0	23,300
35	66.5	18,400	70.0	18,000	72.5	17,800
40	63.0	14,500	67.0	14,300	70.0	14,000
45	59.5	11,500	64.0	11,300	67.5	11,100
50	56.0	9,100	61.5	9,000	65.0	8,800
55	52.5	7,200	58.5	7,100	62.5	7,000
60	48.5	5,700	55.0	5,600	59.5	5,400
65	44.5	4,400	52.0	4,300	57.0	4,200
70	40.0	3,400	48.5	3,200	54.5	3,100
75	35.0	2,400	45.0	2,300	51.5	2,200
80	29.5	1,700	41.5	1,500	48.5	1,400
Min.Bm. Ang./Cap.	23.5		39.0		47.0	
Radius (ft)	84.3		82.8		82.1	

Not for crane operations

Rated Lifting Capacities In Pounds					Retracted			14,000 lb
Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°
10	69.0	157,000	74.5	77,300	78.0	67,800	77.0	68,100
12	65.5		72.5	77,300	76.5	67,800		
15	60.5	66,300	68.5	71,400	74.0	67,800	77.0	68,100
20	51.5	38,000	62.5	42,800	69.0	45,200	73.5	45,900
25	41.0	24,200	56.5	28,600	64.5	31,100	69.5	31,800
30	27.0	16,000	49.5	20,200	59.5	22,600	65.5	23,400
35			41.5	14,700	54.5	17,000	62.0	17,800
40			32.0	10,700	49.0	13,000	57.5	13,800
45			17.5	7,700	43.0	10,000	53.5	10,800
50					36.0	7,700	49.0	8,500
55					28.0	5,800	44.0	6,600
60					15.0	4,300	38.5	5,100
65							32.5	3,800
70							25.0	2,800
75							13.5	1,900
Min.Bm. Ang./Cap.	0.0	12,500	0.0	7,000	0.0	3,900	0.0	1,600
Radius (ft)	32.8		46.5		61.5		76.5	

Load Radius (ft)	100.0 ft		115.0 ft		130.0 ft	
	24°	360°	24°	360°	24°	360°
20	76.0	46,000	75.5	31,600	77.5	31,000
25	73.0					
30	70.0	23,500	72.5	23,200	75.0	22,700
35	66.5	18,000	70.0	17,700	72.5	17,100
40	63.0	14,200	67.0	13,900	70.0	13,400
45	60.0	11,100	64.5	11,000	67.5	10,500
50	56.5	8,800	61.5	8,700	65.0	8,200
55	52.5	6,900	58.5	6,800	62.5	6,400
60	49.0	5,400	55.5	5,200	60.0	4,900
65	44.5	4,100	52.0	4,000	57.5	3,600
70	40.5	3,000	48.5	2,900	54.5	2,500
75	35.5	2,100	45.0	2,000	51.5	1,600
80	29.5	1,300				
Min.Bm. Ang./Cap.	27.5		41.5		49.5	
Radius (ft)	81.4		80.0		78.1	

**Rated Lifting Capacities
In Pounds**



Retracted

14,000 lb

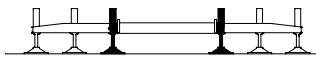


Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft	
	24°	360°	24°	360°	24°	360°
10	69.0	157,000	74.5	73,800	78.0	68,700
12	65.5	104,000	72.0	73,800	76.5	68,700
15	60.5	66,300	68.5	71,300	73.5	68,700
20	51.5	38,000	62.5	42,800	69.0	44,100
25	41.0	24,200	56.5	28,600	64.5	30,200
30	27.0	16,000	49.5	20,200	59.5	21,700
35			41.5	14,700	54.5	16,200
40			32.0	10,700	49.0	12,200
45			17.5	7,700	43.0	9,200
50					36.5	6,900
55					28.0	5,000
60					15.0	3,500
Min.Bm. Ang./Cap.	0.0	12,500	0.0	7,000	0.0	3,200
Radius (ft)	32.8		46.5		61.5	

Load Radius (ft)	85.0 ft		100.0 ft		115.0 ft	
	24°	360°	24°	360°	24°	360°
15	77.0	69,100				
20	73.0	44,100	76.0	43,700		
25	69.5	30,100	73.0	29,900	75.5	29,100
30	65.5	21,900	69.5	21,600	72.5	20,900
35	61.5	16,400	66.5	16,300	70.0	15,600
40	57.5	12,400	63.0	12,400	67.0	11,800
45	53.5	9,400	60.0	9,400	64.5	8,900
50	49.0	7,100	56.5	7,100	61.5	6,600
55	44.0	5,300	52.5	5,200	58.5	4,800
60	38.5	3,800	49.0	3,700	55.5	3,300
65	32.5	2,500	44.5	2,500	52.0	2,000
70	25.0	1,400	40.5	1,400		
Min.Bm. Ang./Cap.	20.5		39.0		49.5	
Radius (ft)	71.8		71.6		69.5	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



Retracted

14,000 lb



Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft	
	24°	360°	24°	360°	24°	360°
10	69.0	157,000	74.5	73,800	78.0	68,700
12	65.5	104,000	72.0	73,800	76.5	68,700
15	60.5	66,300	68.5	71,300	73.5	68,700
20	51.5	38,000	62.5	42,800	69.0	44,100
25	41.0	24,200	56.5	28,600	64.5	30,200
30	27.0	16,000	49.5	20,200	59.5	21,700
35			41.5	14,700	54.5	16,200
40			32.0	10,700	49.0	12,200
45			17.5	7,700	43.0	9,200
50					36.5	6,900
55					28.0	5,000
60					15.0	3,500
65						
Min.Bm. Ang./Cap.	0.0	12,500	0.0	7,000	0.0	3,200
Radius (ft)	32.8		46.5		61.5	

Load Radius (ft)	85.0 ft		100.0 ft		112.0 ft	
	24°	360°	24°	360°	24°	360°
15	77.0	64,900				
20	73.0	44,000	76.0	43,000	78.0	42,400
25	69.5	30,100	73.0	29,200	75.0	28,600
30	65.5	21,800	69.5	20,900	72.0	20,400
35	61.5	16,300	66.5	15,700	69.5	15,200
40	57.5	12,300	63.5	11,800	66.5	11,400
45	53.5	9,300	60.0	8,800	63.5	8,500
50	49.0	7,000	56.5	6,500	60.5	6,200
55	44.0	5,200	53.0	4,700	57.5	4,300
60	38.5	3,700	49.0	3,200	54.5	2,900
65	32.5	2,400	45.0	1,900	51.0	1,600
70	25.0	1,400				
Min.Bm. Ang./Cap.	21.0		41.5		49.5	
Radius (ft)	71.6		69.0		67.5	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



14,000 lb



Load Radius (ft)	41.4 ft		55.5 ft	
	24°	360°	24°	360°
10	69.0	157,000	74.5	157,000
12	65.5	104,000	72.5	108,000
15	60.5	66,300	69.0	69,900
20	51.5	38,000	63.0	41,600
25	41.0	24,200	56.5	27,600
30	27.0	16,000	50.0	19,200
35			42.0	13,700
40			33.0	9,800
45			19.5	6,800
Min.Bm. Ang./Cap.	0.0	12,500	0.0	5,800
Radius (ft)	32.8		47.0	

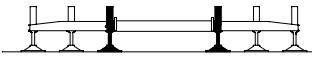
Load Radius (ft)	70.4 ft		86.2 ft	
	24°	360°	24°	360°
10	78.5	151,100		
12	76.5	108,600		
15	74.0	70,400	77.5	69,400
20	69.5	42,100	73.5	41,300
25	64.5	28,400	70.0	27,700
30	60.0	20,000	66.0	19,500
35	55.0	14,600	62.5	14,200
40	49.5	10,600	58.5	10,300
45	43.5	7,700	54.0	7,400
50	37.0	5,400	50.0	5,100
55	28.5	3,600	45.0	3,300
60	16.5	2,100	40.0	1,800
Min.Bm. Ang./Cap.	0.0	1,600	37.0	
Radius (ft)	61.9		62.6	

Not for crane operations

**This Page Left Blank
Intentionally**

Not for crane operations

**Rated Lifting Capacities
In Pounds**



Retracted

17,000 lb



Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°
10	69.0	167,000	74.5	77,300	77.5	51,000		
12	65.5	110,800	72.5	77,300	76.5	51,000		
15	60.5	71,000	68.5	76,000	74.0	51,000	76.5	51,200
20	51.5	41,000	62.5	45,900	69.0	48,400	73.5	49,100
25	41.0	26,500	56.5	30,900	64.5	33,600	69.5	34,200
30	27.0	17,800	49.5	22,000	59.5	24,600	65.5	25,400
35			41.5	16,200	54.5	18,600	62.0	19,400
40			32.0	12,000	49.0	14,400	57.5	15,300
45			17.5	8,900	43.0	11,300	53.5	12,100
50					36.0	8,800	49.0	9,600
55					28.0	6,800	44.0	7,600
60					15.0	5,300	38.5	6,000
65							32.5	4,700
70							25.0	3,600
75							13.0	2,600
Min.Bm. Ang./Cap.	0.0	14,100	0.0	8,100	0.0	4,900	0.0	2,400
Radius (ft)	32.8		46.5		61.5		76.5	

Load Radius (ft)	100.0 ft		115.0 ft		130.0 ft	
	24°	360°	24°	360°	24°	360°
20	76.0	47,900				
25	73.0	34,700	75.5	34,300	77.5	34,000
30	69.5	25,700	72.5	25,400	75.0	25,100
35	66.5	19,900	70.0	19,500	72.5	19,300
40	63.0	15,800	67.0	15,500	70.0	15,300
45	59.5	12,600	64.5	12,400	67.5	12,200
50	56.0	10,100	61.5	10,000	65.0	9,800
55	52.5	8,100	58.5	8,000	62.5	7,800
60	48.5	6,500	55.5	6,400	60.0	6,200
65	44.5	5,200	52.0	5,000	57.0	4,900
70	40.0	4,100	48.5	3,900	54.5	3,800
75	35.5	3,100	45.0	2,900	51.5	2,800
80	29.5	2,300	41.5	2,100	48.5	2,000
85	22.5	1,500	37.5	1,400		
Min.Bm. Ang./Cap.	15.5		35.5		45.5	
Radius (ft)	88.3		87.1		85.0	

Rated Lifting Capacities In Pounds					Retracted			17,000 lb
Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft	
	24°	360°	24°	360°	24°	360°	24°	360°
10	69.0	167,000	74.5	77,300	78.0	67,800		
12	65.5		72.5	77,300	76.5	67,800		
15	60.5	71,000	68.5	76,000	74.0	67,800	77.0	68,100
20	51.5	41,000	62.5	45,900	69.0	48,200	73.5	49,000
25	41.0	26,500	56.5	30,900	64.5	33,400	69.5	34,100
30	27.0	17,800	49.5	22,000	59.5	24,400	66.0	25,200
35			41.5	16,200	54.5	18,400	62.0	19,300
40			32.0	12,000	49.0	14,300	58.0	15,100
45			17.5	8,900	43.0	11,100	53.5	11,900
50					36.5	8,700	49.0	9,500
55					28.0	6,700	44.0	7,500
60					15.0	5,100	38.5	5,900
65							32.5	4,600
70							25.0	3,400
75							13.5	2,500
Min.Bm. Ang./Cap.	0.0	14,100	0.0	8,100	0.0	4,700	0.0	2,300
Radius (ft)	32.8		46.5		61.5		76.5	

Load Radius (ft)	100.0 ft		115.0 ft		130.0 ft	
	24°	360°	24°	360°	24°	360°
20	76.5	49,100				
25	73.0		75.5	33,900	77.5	33,300
30	70.0	25,300	73.0	25,000	75.0	24,500
35	66.5	19,500	70.0	19,200	72.5	18,600
40	63.5	15,400	67.0	15,200	70.0	14,700
45	60.0	12,200	64.5	12,100	67.5	11,600
50	56.5	9,800	61.5	9,600	65.0	9,200
55	52.5	7,800	58.5	7,700	62.5	7,300
60	49.0	6,200	55.5	6,100	60.0	5,700
65	44.5	4,800	52.0	4,700	57.5	4,400
70	40.5	3,700	49.0	3,600	54.5	3,200
75	35.5	2,700	45.5	2,600	51.5	2,300
80	29.5	1,900	41.5	1,800	48.5	1,400
Min.Bm. Ang./Cap.	23.0		37.5		47.0	
Radius (ft)	85.0		85.0		82.1	

**Rated Lifting Capacities
In Pounds**



17,000 lb

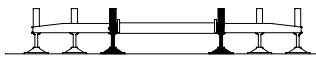


Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft	
	24°	360°	24°	360°	24°	360°
10	69.0	167,000	74.5	73,800	78.0	68,700
	65.5		72.5	73,800	76.5	68,700
15	60.5	71,000	68.5	73,800	73.5	68,700
	51.5	41,000	62.5	45,800	69.0	47,200
20	41.0	26,500	56.5	30,900	64.5	32,500
	27.0	17,800	49.5	22,000	59.5	23,500
30			41.5	16,200	54.5	17,600
			32.0	12,000	49.0	13,500
40			17.5	8,800	43.0	10,300
					36.5	7,900
45					28.0	5,900
					15.0	4,300
Min.Bm. Ang./Cap.	0.0	14,100	0.0	8,000	0.0	3,900
Radius (ft)	32.8		46.5		61.5	

Load Radius (ft)	85.0 ft		100.0 ft		115.0 ft	
	24°	360°	24°	360°	24°	360°
15	77.0	69,100	76.0	46,800	75.5	31,400
	73.0	47,100				
20	69.5	32,400	73.0	32,100	73.0	22,700
	65.5	23,700	69.5	23,400	70.0	17,100
25	62.0	17,800	66.5	17,600	67.5	13,100
	57.5	13,700	63.0	13,700	64.5	10,000
30	53.5	10,500	60.0	10,500	61.5	7,600
	49.0	8,100	56.5	8,100	58.5	5,700
35	44.0	6,200	52.5	6,100	55.5	4,100
	39.0	4,600	49.0	4,500	52.5	2,800
40	32.5	3,200	45.0	3,200	49.0	1,600
	25.0	2,100	40.5	2,100	47.0	
Min.Bm. Ang./Cap.	13.5		35.5		75.0	72.7
Radius (ft)	75.0		75.0			

Not for crane operations

**Rated Lifting Capacities
In Pounds**



Retracted

17,000 lb



Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft	
	24°	360°	24°	360°	24°	360°
10	69.0	167,000	74.5	73,800	78.0	68,700
12	65.5	110,800	72.5	73,800	76.5	68,700
15	60.5	71,000	68.5	73,800	73.5	68,700
20	51.5	41,000	62.5	45,800	69.0	47,200
25	41.0	26,500	56.5	30,900	64.5	32,500
30	27.0	17,800	49.5	22,000	59.5	23,500
35			41.5	16,200	54.5	17,600
40			32.0	12,000	49.0	13,500
45			17.5	8,800	43.0	10,300
50					36.5	7,900
55					28.0	5,900
60					15.0	4,300
Min.Bm. Ang./Cap.	0.0	14,100	0.0	8,000	0.0	3,900
Radius (ft)	32.8		46.5		61.5	

Load Radius (ft)	85.0 ft		100.0 ft		112.0 ft	
	24°	360°	24°	360°	24°	360°
15	77.0	64,900				
20	73.0	47,000	76.0	46,000	78.0	45,400
25	69.5	32,300	73.0	31,500	75.0	30,900
30	65.5	23,600	70.0	22,800	72.5	22,200
35	62.0	17,700	66.5	17,200	69.5	16,700
40	57.5	13,600	63.5	13,100	66.5	12,600
45	53.5	10,500	60.0	9,900	63.5	9,600
50	49.0	8,000	56.5	7,500	60.5	7,200
55	44.0	6,100	53.0	5,600	57.5	5,200
60	39.0	4,500	49.0	4,000	54.5	3,700
65	32.5	3,200	45.0	2,700	51.0	2,400
70	25.0	2,100	40.5	1,600		
Min.Bm. Ang./Cap.	13.5		38.0		47.5	
Radius (ft)	75.0		72.5		70.0	

Not for crane operations

**Rated Lifting Capacities
In Pounds**



17,000 lb



Load Radius (ft)	41.4 ft		55.5 ft	
	24°	360°	24°	360°
10	69.0	167,000	74.5	157,000
12	65.5	110,800	72.5	114,900
15	60.5	71,000	69.0	74,600
20	51.5	41,000	63.0	44,700
25	41.0	26,500	56.5	29,800
30	27.0	17,800	50.0	21,000
35			42.0	15,200
40			33.0	11,100
45			19.5	8,000
Min.Bm. Ang./Cap.	0.0	14,100	0.0	6,900
Radius (ft)	32.8		47.0	

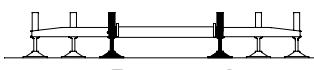
Load Radius (ft)	70.4 ft		86.2 ft	
	24°	360°	24°	360°
10	78.5	151,100		
12	76.5	115,500		
15	74.0	75,100	77.5	74,100
20	69.5	45,200	73.5	44,300
25	64.5	30,700	70.0	29,900
30	60.0	21,800	66.0	21,300
35	55.0	16,100	62.5	15,700
40	49.5	11,900	58.5	11,600
45	43.5	8,800	54.0	8,500
50	37.0	6,400	50.0	6,100
55	28.5	4,500	45.0	4,200
60	16.5	2,900	40.0	2,600
65			34.0	1,300
Min.Bm. Ang./Cap.	0.0	2,400	32.5	
Radius (ft)	61.9		65.9	

Not for crane operations

**This Page Left Blank
Intentionally**

Not for crane operations

**Rated Lifting Capacities
In Pounds**



Retracted

26,000 lb



Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft	
	74°	360°	74°	360°	74°	360°	74°	360°
10	69.0	188,600						
12	65.5	130,400	72.5	77,300				
15	60.5	84,300	69.0	77,300				
20	51.5	49,800	63.0	54,500	69.5	51,000	73.5	51,200
25	41.5	32,900	56.5	37,300	64.5	40,000	69.5	40,600
30	27.0	22,900	49.5	27,200	59.5	29,700	66.0	30,500
35			41.5	20,400	54.5	22,900	62.0	23,700
40			32.0	15,700	49.0	18,000	58.0	18,800
45			17.5	12,100	43.0	14,500	53.5	15,300
50					36.5	11,600	49.0	12,400
55					28.0	9,400	44.0	10,200
60					15.0	7,600	39.0	8,300
65							32.5	6,800
70							25.0	5,500
75							13.5	4,400
Min.Bm. Ang./Cap.	0.0	18,700	0.0	11,200	0.0	7,100	0.0	4,200
Radius (ft)	32.8		46.5		61.5		76.5	



WARNING

Do Not Raise Boom Above 74° Boom Angle. Loss Of Backward Stability Will Occur Causing a Tipping Condition.

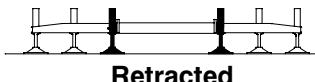
Load Radius (ft)	100.0 ft		115.0 ft		130.0 ft	
	74°	360°	74°	360°	74°	360°
25	73.0	41,000				
30	70.0	30,900	73.0	30,600		
35	66.5	24,100	70.0	23,800	72.5	23,500
40	63.5	19,300	67.5	19,000	70.0	18,800
45	60.0	15,800	64.5	15,600	67.5	15,400
50	56.5	13,000	61.5	12,800	65.0	12,600
55	52.5	10,700	58.5	10,500	62.5	10,400
60	49.0	8,800	55.5	8,700	60.0	8,600
65	45.0	7,300	52.0	7,100	57.5	7,000
70	40.5	6,000	49.0	5,800	54.5	5,700
75	35.5	4,900	45.5	4,700	51.5	4,600
80	29.5	3,900	41.5	3,800	48.5	3,700
85	22.5	3,100	37.5	2,900	45.5	2,800
90	12.0	2,400	33.0	2,200	42.5	2,100
95			27.5	1,600	38.5	1,400
Min.Bm. Ang./Cap.	0.0	2,200	22.0		37.0	
Radius (ft)	91.5		99.1		97.5	



WARNING

Do Not Raise Boom Above 74° Boom Angle. Loss Of Backward Stability Will Occur Causing a Tipping Condition.

**Rated Lifting Capacities
In Pounds**



26,000 lb



Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft	
	74°	360°	74°	360°	74°	360°	74°	360°
10	69.0	188,600						
12	65.5	130,400	72.5	77,300				
15	60.5	84,300	69.0	77,300				
20	51.5	49,800	63.0	54,500	69.5	56,900	73.5	57,600
25	41.5	32,900	56.5	37,300	64.5	39,800	69.5	40,400
30	27.0	22,900	49.5	27,200	60.0	29,600	66.0	30,400
35			41.5	20,400	54.5	22,700	62.0	23,600
40			32.0	15,700	49.0	17,800	58.0	18,700
45			17.5	12,100	43.0	14,300	53.5	15,100
50					36.5	11,500	49.0	12,300
55					28.0	9,300	44.0	10,000
60					15.0	7,400	39.0	8,200
65							32.5	6,700
70							25.0	5,400
75							13.5	4,300
Min.Bm. Ang./Cap.	0.0	18,700	0.0	11,200	0.0	7,000	0.0	4,000
Radius (ft)	32.8		46.5		61.5		76.5	



WARNING

Do Not Raise Boom Above 74° Boom Angle. Loss Of Backward Stability Will Occur Causing a Tipping Condition.

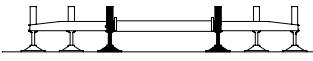
Load Radius (ft)	100.0 ft		115.0 ft		130.0 ft	
	74°	360°	74°	360°	74°	360°
25	73.0	40,500				
30	70.0	30,500	73.0	30,200		
35	66.5	23,800	70.5	23,500	73.0	22,900
40	63.5	18,900	67.5	18,700	70.5	18,200
45	60.0	15,400	64.5	15,300	68.0	14,800
50	56.5	12,600	61.5	12,500	65.5	12,100
55	53.0	10,300	58.5	10,200	63.0	9,800
60	49.0	8,500	55.5	8,400	60.0	8,000
65	45.0	7,000	52.5	6,800	57.5	6,500
70	40.5	5,700	49.0	5,500	55.0	5,200
75	35.5	4,600	45.5	4,400	52.0	4,100
80	30.0	3,600	41.5	3,500	49.0	3,100
85	23.0	2,800	37.5	2,700	46.0	2,300
90	12.0	2,100	33.0	1,900	42.5	1,600
95			27.5	1,300		
Min.Bm. Ang./Cap.	0.0	1,900	25.5		40.0	
Radius (ft)	91.5		96.6		93.5	



WARNING

Do Not Raise Boom Above 74° Boom Angle. Loss Of Backward Stability Will Occur Causing a Tipping Condition.

**Rated Lifting Capacities
In Pounds**



Retracted

26,000 lb



Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft	
	74°	360°	74°	360°	74°	360°	74°	360°
10	69.0	188,600						
12	65.5	130,400	72.5	73,800				
15	60.5	84,300	69.0	73,800				
20	51.5	49,800	63.0	54,500	69.5	55,800	73.5	55,700
25	41.5	32,900	56.5	37,300	64.5	38,900	69.5	38,800
30	27.0	22,900	49.5	27,100	60.0	28,700	66.0	28,800
35			41.5	20,400	54.5	21,900	62.0	22,100
40			32.0	15,600	49.0	17,100	58.0	17,200
45			17.5	12,000	43.0	13,500	53.5	13,700
50					36.5	10,700	49.0	10,900
55					28.0	8,500	44.0	8,700
60					15.0	6,700	39.0	6,900
65							32.5	5,400
70							25.0	4,100
75							13.5	3,000
Min.Bm. Ang./Cap.	0.0	18,700	0.0	11,100	0.0	6,200	0.0	2,700
Radius (ft)	32.8		46.5		61.5		76.5	



WARNING

Do Not Raise Boom Above 74° Boom Angle. Loss Of Backward Stability Will Occur Causing a Tipping Condition.

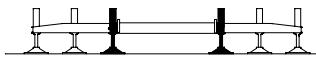
Load Radius (ft)	100.0 ft		115.0 ft		124.7 ft	
	74°	360°	74°	360°	74°	360°
25	73.0	38,500				
30	70.0	28,600	73.0	27,900		
35	66.5	21,900	70.5	21,200	72.0	20,900
40	63.5	17,200	67.5	16,700	69.5	16,400
45	60.0	13,700	64.5	13,200	67.0	12,900
50	56.5	10,900	61.5	10,400	64.5	10,200
55	53.0	8,700	58.5	8,200	61.5	8,000
60	49.0	6,800	55.5	6,400	59.0	6,100
65	45.0	5,300	52.5	4,900	56.0	4,600
70	40.5	4,100	49.0	3,600	53.0	3,400
75	35.5	3,000	45.5	2,500	50.0	2,300
80	30.0	2,000	41.5	1,600	46.5	1,300
Min.Bm. Ang./Cap.	23.0		39.5		46.0	
Radius (ft)	85.0		82.7		81.2	



WARNING

Do Not Raise Boom Above 74° Boom Angle. Loss Of Backward Stability Will Occur Causing a Tipping Condition.

**Rated Lifting Capacities
In Pounds**



26,000 lb



Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft	
	74°	360°	74°	360°	74°	360°
10	69.0	188,600				
12	65.5	130,400	72.5	73,800		
15	60.5	84,300	69.0	73,800		
20	51.5	49,800	63.0	54,500	69.5	55,800
25	41.5	32,900	56.5	37,300	64.5	38,900
30	27.0	22,900	49.5	27,100	60.0	28,700
35			41.5	20,400	54.5	21,900
40			32.0	15,600	49.0	17,100
45			17.5	12,000	43.0	13,500
50					36.5	10,700
55					28.0	8,500
60					15.0	6,700
Min.Bm. Ang./Cap.	0.0	18,700	0.0	11,100	0.0	6,200
Radius (ft)		32.8		46.5		61.5



WARNING

Do Not Raise Boom Above 74° Boom Angle. Loss Of Backward Stability Will Occur Causing a Tipping Condition.

Load Radius (ft)	85.0 ft		100.0 ft		112.0 ft	
	74°	360°	74°	360°	74°	360°
20	73.5	55,600				
25	69.5	38,700	73.0	37,800		
30	66.0	28,700	70.0	27,900	72.5	27,400
35	62.0	22,000	66.5	21,300	69.5	20,800
40	58.0	17,300	63.5	16,700	66.5	16,300
45	53.5	13,700	60.0	13,100	64.0	12,800
50	49.0	10,900	56.5	10,300	61.0	10,000
55	44.0	8,600	53.0	8,100	57.5	7,800
60	39.0	6,800	49.0	6,300	54.5	6,000
65	32.5	5,300	45.0	4,800	51.0	4,500
70	25.0	4,000	40.5	3,500	47.5	3,200
75	13.5	2,900	35.5	2,400	44.0	2,100
80			30.0	1,500		
Min.Bm. Ang./Cap.	0.0	2,700	26.5		40.0	
Radius (ft)		76.5		82.5		80.0



WARNING

Do Not Raise Boom Above 74° Boom Angle. Loss Of Backward Stability Will Occur Causing a Tipping Condition.

**Rated Lifting Capacities
In Pounds**



Retracted

26,000 lb



Load Radius (ft)	41.4 ft		55.5 ft	
	74°	360°	74°	360°
10	69.0	188,600		
12	65.5	130,400	72.5	134,400
15	60.5	84,300	69.0	87,900
20	51.5	49,800	63.0	53,300
25	41.5	32,900	57.0	36,200
30	27.0	22,900	50.0	26,100
35			42.5	19,400
40			33.0	14,700
45			19.5	11,100
Min.Bm. Ang./Cap.	0.0	18,700	0.0	9,900
Radius (ft)	32.8		47.0	



WARNING

Do Not Raise Boom Above 74° Boom Angle. Loss Of Backward Stability Will Occur Causing a Tipping Condition.

Load Radius (ft)	70.4 ft		86.2 ft	
	74°	360°	74°	360°
20	69.5	53,800	73.5	52,900
25	64.5	37,000	70.0	36,300
30	60.0	27,000	66.5	26,500
35	55.0	20,300	62.5	19,900
40	49.5	15,600	58.5	15,200
45	43.5	12,000	54.5	11,700
50	37.0	9,200	50.0	8,900
55	28.5	7,000	45.0	6,700
60	16.5	5,200	40.0	4,900
65			34.0	3,400
70			27.0	2,100
Min.Bm. Ang./Cap.	0.0	4,600	17.0	
Radius (ft)	61.9		75.0	



WARNING

Do Not Raise Boom Above 74° Boom Angle. Loss Of Backward Stability Will Occur Causing a Tipping Condition.

**This Page Left Blank
Intentionally**

Not for crane operations

Rated Lifting Capacities In Pounds Stationary - Between Tire Tracks			With Outrigger Boxes		14,000 lb		EM 1	
Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft	
	24°	Over Rear	24°	Over Rear	24°	Over Rear	24°	Over Rear
10	68.5	75,600						
12	65.5	67,000						
15	60.5	56,900	68.5	47,600				
20	51.5	43,700	62.5	47,600	69.0	25,800		
25	41.5	28,600	56.5	32,700	64.5	25,800	69.5	20,400
30	27.0	19,600	49.5	23,500	59.5	25,800	66.0	20,400
35			41.5	17,500	54.5	19,700	62.0	20,400
40			32.0	13,300	49.0	15,500	57.5	16,200
45			17.5	10,200	43.0	12,300	53.5	13,000
50					36.0	9,900	49.0	10,600
55					28.0	7,900	44.0	8,600
60					15.0	6,300	38.5	7,000
65							32.5	5,700
70							25.0	4,600
75							13.0	3,700
Min.Bm. Ang./Cap.	0.0	15,900	0.0	9,400	0.0	6,000	0.0	3,400
Radius (ft)	32.8		46.5		61.5		76.5	

Load Radius (ft)	100.0 ft		115.0 ft		130.0 ft	
	24°	Over Rear	24°	Over Rear	24°	Over Rear
30	70.0		70.0		70.0	
		16,600		13,300		
35	66.5	16,600	70.0	13,300		
40	63.0	16,600	67.0	13,300	70.0	10,600
45	60.0	13,500	64.5	13,300	67.5	10,600
50	56.5	11,000	61.5	10,900	65.0	10,600
55	52.5	9,100	58.5	8,900	62.5	8,700
60	49.0	7,500	55.5	7,300	60.0	7,200
65	44.5	6,100	52.0	6,000	57.0	5,900
70	40.0	5,000	49.0	4,900	54.5	4,800
75	35.5	4,100	45.0	3,900	51.5	3,800
80	29.5	3,300	41.5	3,100	48.5	3,000
85	22.5	2,500	37.5	2,400	45.5	2,300
90	12.0	1,900	33.0	1,800	42.0	1,600
Min.Bm. Ang./Cap.	0.0	1,800	31.0		41.5	
Radius (ft)	91.5		91.9		90.5	

Rated Lifting Capacities In Pounds Pick & Carry - Boom Centered Over Rear				With Outrigger Boxes				14,000 lb				EM 1	
Load Radius (ft)	41.4 ft			55.0 ft			70.0 ft			85.0 ft			
	0°	Creep	2.5 mph	0°	Creep	2.5 mph	0°	Creep	2.5 mph	0°	Creep	2.5 mph	
10	68.5	75,600	75,600	68.5	37,900	35,800	73.5	20,500	19,400	69.5	16,400	15,500	
12	65.5	67,000	67,000										
15	60.5	56,900	54,100										
20	51.5	33,700	31,700	62.5	37,900	35,800	69.0	20,500	19,400	65.5	16,400	15,500	
25	41.0	21,700	20,400	56.5	25,600	24,200	64.5	20,500	19,400				
30	27.0	14,600	13,600	49.5	18,300	17,300	59.5	20,500	19,400	65.5	16,400	15,500	
35				41.5	13,400	12,600	54.5	15,600	14,800	61.5	16,400	15,500	
40				32.0	9,900	9,200	49.0	12,100	11,300	57.5	12,800	12,100	
45				17.5	7,300	6,700	43.0	9,400	8,800	53.5	10,100	9,500	
50							36.0	7,300	6,800	49.0	8,000	7,500	
55							27.5	5,700	5,200	44.0	6,400	5,900	
60							15.0	4,400	3,900	38.5	5,000	4,600	
65										32.5	3,900	3,500	
70										25.0	2,900	2,600	
75										13.0	2,100	1,800	
Min.Bm. Ang./Cap.	0.0	11,500	10,600	0.0	6,700	6,100	0.0	4,000	3,600	0.0	2,000	1,600	
Radius (ft)	32.8			46.5			61.5			76.5			

Load Radius (ft)	100.0 ft			115.0 ft			130.0 ft		
	0°	Creep	2.5 mph	0°	Creep	2.5 mph	0°	Creep	2.5 mph
30	69.5	13,200	12,500	69.5	10,400	9,800	70.0	8,200	7,600
35									
40	63.0	13,200	12,500	67.0	10,400	9,800	70.0	8,200	7,600
45	59.5	10,600	9,900	64.0	10,400	9,800	67.5	8,200	7,600
50	56.0	8,500	7,900	61.0	8,300	7,800	65.0	8,200	7,600
55	52.5	6,800	6,300	58.5	6,700	6,200	62.5	6,600	6,100
60	48.5	5,400	5,000	55.0	5,300	4,900	59.5	5,200	4,800
65	44.5	4,300	3,900	52.0	4,200	3,800	57.0	4,100	3,700
70	40.0	3,400	3,000	48.5	3,200	2,900	54.5	3,100	2,800
75	35.0	2,500	2,200	45.0	2,400	2,100	51.5	2,300	2,000
80	29.5	1,800	1,500	41.5	1,700	1,400			
Min.Bm. Ang./Cap.	26.5			41.0			49.0		
Radius (ft)	82.2			80.6			79.5		

Not for crane operations

Rated Lifting Capacities In Pounds Stationary - 360°		With Outrigger Boxes On Tires-360°		14,000 lb	
Load Radius (ft)	41.4 ft		55.0 ft		
	24°	360°	24°	360°	
15	60.5	33,500			
20	51.5	20,600			
25	41.0	12,800	56.5	16,300	
30	27.0	7,800	49.5	11,200	
35			41.5	7,700	
40			32.0	5,200	
45			17.5	3,300	
Min.Bm. Ang./Cap.	0.0	5,500	0.0	2,800	
Radius (ft)	32.8		46.5		



WARNING

Do Not Raise Boom Above 62° Boom Angle. Loss Of Backward Stability Will Occur Causing a Tipping Condition.

Load Radius (ft)	70.0 ft		85.0 ft	
	24°	360°	24°	360°
30	59.5	13,400		
35	54.5	9,800	61.5	10,500
40	49.0	7,200	57.5	7,900
45	43.0	5,300	53.5	5,900
50	36.0	3,700	49.0	4,400
55	27.5	2,500	44.0	3,100
60	15.0	1,500	38.5	2,100
65			32.5	1,300
Min.Bm. Ang./Cap.	0.0	1,200	30.5	
Radius (ft)	61.5		66.3	



WARNING

Do Not Raise Boom Above 62° Boom Angle. Loss Of Backward Stability Will Occur Causing a Tipping Condition.

Not for crane operations

**This Page Left Blank
Intentionally**

Not for crane operations

Rated Lifting Capacities In Pounds Stationary - Between Tire Tracks								With Outrigger Boxes	
Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft		
	24°	Over Rear							
10	68.5	77,200							
12	65.5	68,400							
15	60.5	58,000	68.5	48,900					
20	51.5	45,400	62.5	48,900	69.0	27,700			
25	41.5	30,900	56.5	34,900	64.5	27,700	69.5	21,900	
30	27.0	21,400	49.5	25,300	59.5	27,700	66.0	21,900	
35			41.5	19,000	54.5	21,200	62.0	21,900	
40			32.0	14,600	49.0	16,800	58.0	17,400	
45			17.5	11,300	43.0	13,400	53.5	14,200	
50					36.0	10,900	49.0	11,600	
55					28.0	8,800	44.0	9,500	
60					15.0	7,200	39.0	7,800	
65							32.5	6,400	
70							25.0	5,300	
75							13.5	4,300	
Min.Bm. Ang./Cap.	0.0	17,500	0.0	10,500	0.0	6,700	0.0	4,100	
Radius (ft)	32.8		46.5		61.5		76.5		

Load Radius (ft)	100.0 ft		115.0 ft		130.0 ft	
	24°	Over Rear	24°	Over Rear	24°	Over Rear
30	70.0		70.0			
		17,800		14,400		
35	66.5	17,800	70.0	14,400		
40	63.0	17,800	67.0	14,400	70.0	11,200
45	60.0	14,600	64.5	14,400	67.5	11,200
50	56.5	12,000	61.5	11,800	65.0	11,200
55	52.5	10,000	58.5	9,800	62.5	9,600
60	49.0	8,300	55.5	8,100	60.0	8,000
65	44.5	6,900	52.0	6,700	57.5	6,600
70	40.5	5,700	49.0	5,600	54.5	5,400
75	35.5	4,700	45.5	4,600	51.5	4,400
80	29.5	3,800	41.5	3,700	48.5	3,600
85	22.5	3,100	37.5	2,900	45.5	2,800
90	12.0	2,500	33.0	2,300	42.5	2,200
95			27.5	1,700	38.5	1,600
Min.Bm. Ang./Cap.	0.0	2,300	25.0		38.0	
Radius (ft)	91.5		96.8		95.4	

Rated Lifting Capacities In Pounds Pick & Carry - Boom Centered Over Rear				With Outrigger Boxes			On Tires			17,000 lb			EM 1		
Load Radius (ft)	41.4 ft			55.0 ft			70.0 ft			85.0 ft					
	2°	Creep	2.5 mph	2°	Creep	2.5 mph	2°	Creep	2.5 mph	2°	Creep	2.5 mph			
10	68.5	77,200	77,200												
12	65.5	68,400	68,400												
15	60.5	58,000	58,000	68.5	40,600	38,500									
20	51.5	36,400	34,400	62.5	40,600	38,500	69.0	22,200	21,000						
25	41.0	23,800	22,400	56.5	27,700	26,200	64.5	22,200	21,000	69.5	17,600	16,800			
30	27.0	16,300	15,200	49.5	19,900	18,800	59.5	22,200	21,000	65.5	17,600	16,800			
35				41.5	14,800	13,900	54.5	17,000	16,100	61.5	17,600	16,800			
40				32.0	11,100	10,400	49.0	13,200	12,500	57.5	14,000	13,200			
45				17.5	8,300	7,700	43.0	10,400	9,800	53.5	11,100	10,500			
50							36.0	8,200	7,700	49.0	8,900	8,400			
55							28.0	6,500	6,000	44.0	7,200	6,700			
60							15.0	5,100	4,700	38.5	5,800	5,300			
65										32.5	4,600	4,200			
70										25.0	3,600	3,200			
75										13.0	2,700	2,400			
Min.Bm. Ang./Cap.	0.0	13,000	12,100	0.0	7,600	7,000	0.0	4,800	4,300	0.0	2,500	2,200			
Radius (ft)	32.8			46.5			61.5			76.5					

Load Radius (ft)	100.0 ft			115.0 ft			130.0 ft					
	2°	Creep	2.5 mph	2°	Creep	2.5 mph	2°	Creep	2.5 mph			
30	69.5											
		14,400	13,700									
35	66.5	14,400	13,700	70.0	11,400	10,800						
40	63.0	14,400	13,700	67.0	11,400	10,800	70.0	9,100	8,500			
45	59.5	11,600	11,000	64.0	11,400	10,800	67.5	9,100	8,500			
50	56.0	9,400	8,800	61.5	9,200	8,700	65.0	9,100	8,500			
55	52.5	7,600	7,100	58.5	7,500	7,000	62.5	7,400	6,900			
60	48.5	6,200	5,700	55.0	6,100	5,600	60.0	5,900	5,500			
65	44.5	5,000	4,600	52.0	4,900	4,500	57.0	4,700	4,300			
70	40.0	4,000	3,600	48.5	3,800	3,500	54.5	3,700	3,400			
75	35.5	3,100	2,800	45.0	3,000	2,700	51.5	2,900	2,500			
80	29.5	2,400	2,100	41.5	2,200	1,900	48.5	2,100	1,800			
85	22.5	1,700	1,500	37.5	1,600	1,300						
Min.Bm. Ang./Cap.	18.5			37.0			46.0					
Radius (ft)	86.9			85.5			84.4					

Not for crane operations

Rated Lifting Capacities In Pounds Stationary - 360°		With Outrigger Boxes On Tires-360°		17,000 lb	
Load Radius (ft)	41.4 ft		55.0 ft		
	24°	360°	24°	360°	
20	51.5	22,800			
25	41.0	14,400	56.5	17,900	
30	27.0	9,100	49.5	12,600	
35			41.5	8,900	
40			32.0	6,200	
45			17.5	4,100	
Min.Bm. Ang./Cap.	0.0	6,800	0.0	3,600	
Radius (ft)	32.8		46.5		



WARNING

Do Not Raise Boom Above 58° Boom Angle. Loss Of Backward Stability Will Occur Causing a Tipping Condition.

Load Radius (ft)	70.0 ft		85.0 ft	
	24°	360°	24°	360°
35	54.5	11,000		
40	49.0	8,200	57.5	8,900
45	43.0	6,100	53.5	6,800
50	36.0	4,500	49.0	5,200
55	27.5	3,200	44.0	3,800
60	15.0	2,100	38.5	2,800
65			32.5	1,800
Min.Bm. Ang./Cap.	0.0	1,900	25.0	
Radius (ft)	61.5		70.0	



WARNING

Do Not Raise Boom Above 58° Boom Angle. Loss Of Backward Stability Will Occur Causing a Tipping Condition.

Not for crane operations

**This Page Left Blank
Intentionally**

Not for crane operations

Rated Lifting Capacities In Pounds Stationary - Between Tire Tracks			With Outrigger Boxes		26,000 lb		EM 1	
Load Radius (ft)	41.4 ft		55.0 ft		70.0 ft		85.0 ft	
	24°	Over Rear	24°	Over Rear	24°	Over Rear	24°	Over Rear
10	68.5	92,000						
12	65.5	71,900						
15	60.5	60,900	68.5	51,000				
20	51.5	47,900	63.0	51,000	69.0	32,900		
25	41.5	37,500	56.5	41,600	64.5	32,900	70.0	26,200
30	27.0	26,700	49.5	30,600	60.0	32,900	66.0	26,200
35			41.5	23,300	54.5	25,600	62.0	26,200
40			32.0	18,200	49.0	20,400	58.0	21,100
45			17.5	14,500	43.0	16,700	53.5	17,300
50					36.5	13,700	49.0	14,400
55					28.0	11,400	44.5	12,000
60					15.0	9,500	39.0	10,100
65							32.5	8,600
70							25.0	7,200
75							13.5	6,100
Min.Bm. Ang./Cap.	0.0	22,200	0.0	13,600	0.0	9,000	0.0	5,800
Radius (ft)	32.8		46.5		61.5		76.5	

Load Radius (ft)	100.0 ft		115.0 ft		130.0 ft	
	24°	Over Rear	24°	Over Rear	24°	Over Rear
30	70.0		21,500			
		21,500				
35	67.0	21,500	70.5	17,400		
40	63.5	21,500	67.5	17,400	70.5	13,500
45	60.0	17,700	64.5	17,400	68.0	13,500
50	56.5	14,900	61.5	14,700	65.5	13,500
55	53.0	12,500	58.5	12,400	63.0	12,200
60	49.0	10,600	55.5	10,400	60.0	10,300
65	45.0	9,000	52.5	8,800	57.5	8,700
70	40.5	7,600	49.0	7,500	54.5	7,400
75	35.5	6,500	45.5	6,400	52.0	6,200
80	30.0	5,500	41.5	5,400	49.0	5,300
85	23.0	4,700	37.5	4,500	46.0	4,400
90	12.0	3,900	33.0	3,800	42.5	3,600
95			27.5	3,100	39.0	3,000
100			21.0	2,500	35.0	2,400
105			11.0	2,000	31.0	1,900
Min.Bm. Ang./Cap.	0.0	3,800	0.0	1,900	26.5	
Radius (ft)	91.5		106.5		109.4	

Rated Lifting Capacities In Pounds Pick & Carry - Boom Centered Over Rear						With Outrigger Boxes			26,000 lb			EM 1		
Load Radius (ft)	41.4 ft			55.0 ft			70.0 ft			85.0 ft				
	2°	Creep	2.5 mph	2°	Creep	2.5 mph	2°	Creep	2.5 mph	2°	Creep	2.5 mph		
10	68.5	88,800	86,500											
12	65.5	71,900	71,900											
15	60.5	60,900	60,900	68.5	48,500	46,100								
20	51.5	44,300	41,900	62.5	48,500	46,100	69.0	26,800	25,600					
25	41.5	29,700	28,100	56.5	33,600	31,900	64.5	26,800	25,600	69.5	21,500	20,500		
30	27.0	20,900	19,700	49.5	24,600	23,400	59.5	26,800	25,600	66.0	21,500	20,500		
35				41.5	18,600	17,700	54.5	20,800	19,800	62.0	21,500	20,500		
40				32.0	14,500	13,700	49.0	16,600	15,800	58.0	17,300	16,500		
45				17.5	11,300	10,600	43.0	13,300	12,700	53.5	14,000	13,400		
50							36.0	10,800	10,200	49.0	11,500	10,900		
55							28.0	8,800	8,300	44.0	9,500	9,000		
60							15.0	7,200	6,700	39.0	7,900	7,400		
65										32.5	6,500	6,100		
70										25.0	5,400	5,000		
75										13.5	4,400	4,000		
Min.Bm. Ang./Cap.	0.0	17,200	16,200	0.0	10,500	9,800	0.0	6,800	6,400	0.0	4,200	3,800		
Radius (ft)	32.8			46.5			61.5			76.5				

Load Radius (ft)	100.0 ft			115.0 ft			130.0 ft		
	2°	Creep	2.5 mph	2°	Creep	2.5 mph	2°	Creep	2.5 mph
30	70.0								
		17,600	16,900						
35	66.5	17,600	16,900	70.0	14,300	13,600			
40	63.0	17,600	16,900	67.0	14,300	13,600	70.0	11,700	11,100
45	60.0	14,500	13,800	64.5	14,300	13,600	67.5	11,700	11,100
50	56.5	12,000	11,400	61.5	11,800	11,200	65.0	11,700	11,100
55	52.5	10,000	9,400	58.5	9,800	9,300	62.5	9,700	9,200
60	49.0	8,300	7,800	55.5	8,200	7,700	60.0	8,100	7,600
65	44.5	6,900	6,500	52.0	6,800	6,400	57.5	6,700	6,300
70	40.5	5,800	5,400	49.0	5,600	5,200	54.5	5,500	5,100
75	35.5	4,800	4,400	45.5	4,700	4,300	51.5	4,500	4,200
80	29.5	3,900	3,600	41.5	3,800	3,500	48.5	3,700	3,300
85	22.5	3,200	2,900	37.5	3,000	2,700	45.5	2,900	2,600
90	12.0	2,600	2,300	33.0	2,400	2,100	42.5	2,300	2,000
95				27.5	1,800	1,500	39.0	1,700	1,400
Min.Bm. Ang./Cap.	0.0	2,400	2,100	22.5			37.5		
Radius (ft)	91.5			98.7			96.8		

Rated Lifting Capacities In Pounds Stationary - 360°		With Outrigger Boxes On Tires-360°		26,000 lb	EM 1
Load Radius (ft)	41.4 ft		55.0 ft		
	24°	360°	24°	360°	
25	41.0	19,100			
30	27.0	13,000			
35			41.5	12,200	
40			32.0	9,000	
45			17.5	6,600	
Min.Bm. Ang./Cap.	0.0	10,300	0.0	6,000	
Radius (ft)	32.8		46.5		

! WARNING

Do Not Raise Boom Above 46° Boom Angle. Loss Of Backward Stability Will Occur Causing a Tipping Condition.

Load Radius (ft)	70.0 ft		85.0 ft		
	24°	360°	24°	360°	
45	43.0	8,600			
50	36.0	6,700			
55	27.5	5,200	44.0	5,800	
60	15.0	4,000	38.5	4,600	
65			32.5	3,500	
70			25.0	2,600	
75			13.0	1,900	
Min.Bm. Ang./Cap.	0.0	3,600	0.0	1,700	
Radius (ft)	61.5		76.5		

! WARNING

Do Not Raise Boom Above 46° Boom Angle. Loss Of Backward Stability Will Occur Causing a Tipping Condition.

Not for crane operations

**This Page Left Blank
Intentionally**

Not for crane operations