GROVE

by Manitowoc

RT9150E
LOAD CHARTS

85% STABILITY

232085

SERIAL NUMBER

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Fixed Boom Length 14
Intermediate Boom Length 15
On Outriggers 50% Extended
Fixed Boom Length 14
Intermediate Boom Length 15
On Outriggers 0% Extended
Fixed Boom Length 16
Intermediate Boom Length 17
On Rubber - Stationary
Fixed Boom Length 18
Intermediate Boom Length 19

39000 lb Counterweight
On Outriggers Fully Extended
Fixed Boom Length 14
Intermediate Boom Length 15
On Outriggers 50% Extended
Fixed Boom Length 14
Intermediate Boom Length 15
On Outriggers 0% Extended
Fixed Boom Length 20
Intermediate Boom Length 21
On Rubber - Stationary
Fixed Boom Length 22
Intermediate Boom Length 23

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Manual Offsettable Extension

36 ft. at 0° Offset 42
36 ft. at 20° Offset 43
36 ft. at 40° Offset 44
59 ft. at 0° Offset 45
59 ft. at 20° Offset 46
59 ft. at 40° Offset 47
85 ft. at 0° Offset 48
85 ft. at 20° Offset 49
85 ft. at 40° Offset 50
105 ft. at 0° Offset 51
105 ft. at 20° Offset 52
105 ft. at 40° Offset 53

ON OUTRIGGERS 50% EXTENDED

Main Boom

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Intermediate Boom Lengths 56-59
Telescoping Boom Lengths (Extending) 60-63
Telescoping Boom Lengths (Retracting) 64-67

Manual Offsettable Extension

36 ft. at 0° Offset 68
36 ft. at 20° Offset 69
36 ft. at 40° Offset 70
59 ft. at 0° Offset 71
59 ft. at 20° Offset 72
59 ft. at 40° Offset 73

ON OUTRIGGERS 0% EXTENDED

Main Boom

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36 ft. at 0° Offset 104
36 ft. at 20° Offset 105
36 ft. at 40° Offset 106
59 ft. at 0° Offset 107
59 ft. at 20° Offset 108
59 ft. at 40° Offset 109
85 ft. at 0° Offset 110
85 ft. at 20° Offset 111
85 ft. at 40° Offset 112
105 ft. at 0° Offset 113
105 ft. at 20° Offset 114
105 ft. at 40° Offset 115

ON OUTRIGGERS 50% EXTENDED
Main Boom
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36 ft. at 0° Offset 130
36 ft. at 20° Offset 131
36 ft. at 40° Offset 132
59 ft. at 0° Offset 133
59 ft. at 20° Offset 134
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NOTES FOR LIFTING CAPACITIES

GENERAL:

1. Rated loads as shown on lift chart pertain to this machine as originally manufactured and equipped. Modifications to the machine or use of optional equipment other than that specified can result in a reduction of capacity.
2. Construction equipment can be hazardous if improperly operated or maintained. Operation and maintenance of this machine shall be in compliance with the information in the Operator's and Safety Handbook, Service Manual, and Parts Manual supplied with this machine. If these manuals are missing, order replacements from the manufacturer through the distributor.
3. The operator and other personnel associated with machine shall fully acquaint themselves with the latest American National Safety Standards (ASME/ANSI) for cranes.

SETUP:

1. The machine shall be level and on a firm supporting surface. Depending on the nature of the supporting surface, it may be necessary to have structural supports under the outrigger floats or tires to spread the load to a larger bearing surface.
2. For outrigger operation, all outriggers shall be properly extended with tires raised free of crane weight before operating the boom or lifting loads.
3. When machine is equipped with center front stabilizer, the front stabilizer shall be set in accordance with instructions in Operator's & Safety Handbook.
4. When equipped with removable and/or extendible counterweight, the proper counterweight shall be installed and fully extended before and during operation.
5. Tires shall be inflated to the recommended pressure before lifting on rubber.
6. With certain boom and hoist tackle combinations, maximum capacities may not be obtainable with standard cable lengths.
7. Unless approved by the crane manufacturer, do not travel with boom extension or jib erected. Refer to Operator's and Safety Handbook for job-site travel information.

OPERATION:

1. Rated loads at rated radius shall not be exceeded. Do not attempt to tip the machine to determine allowable loads. For clamshell, grapple, magnet or concrete bucket operation, weight of component and load must not exceed 70% of rated lifting capacities.
2. All rated loads have been tested to and meet the requirements of SAE J1063 - Cantilevered Boom Crane Structures - Method of Test, and do not exceed 85% of the tipping load on outriggers fully extended. Capacities on outriggers 50% extended and 0% extended (fully retracted) correspond to SAE J1289 (Test Load = 1.25P + 0.1A). 0.1A represents one-tenth (0.10) of the total boom weight reduced to the boom point.
3. Rated loads include the weight of hookblock, slings and auxiliary lifting devices and their weights shall be subtracted from the listed rating to obtain the net load to be lifted. When more than the minimum required parts of line needed to pick the load are used, the additional rope weight as measured from the lower sheaves of the the main boom nose shall be considered part of the load to be lifted. When both the hook block and headache ball are reeved, the lifting device that is NOT in use, including the line as measured from the lower sheave(s) of the nose supporting the unused device shall be considered part of the load.
4. Load ratings are based on freely suspended loads. No attempt shall be made to move a load horizontally on the ground in any direction.
5. The maximum in-service wind speed is 20 m.p.h. It is recommended when wind velocity is above 20 m.p.h., rated loads and boom lengths shall be appropriately reduced. For machines not in-service, the main boom should be retracted and lowered with swing brake set in wind velocities over 30 m.p.h.
6. Rated loads are for lift crane service only.
7. Do not operate at a radius or boom length where capacities are not listed. At these positions, the machine may overturn without any load on the hook.
8. The maximum load which can be telescoped is not definable because of variations in loadings and crane maintenance, but it is safe to attempt retraction and extension of the boom within the limits of the capacity chart for intermediate boom lengths.
9. When the boom length or lift radius or both are between values listed, the smallest load shown at either the next larger radius or next longer or shorter boom length shall be used. If the fixed boom length capacity charts are used, then all of the telescopic boom sections must be locked. If any of the telescopic boom sections are not locked, then the capacity charts for intermediate boom lengths must be used.
10. For safe operation, the user shall make due allowances for his particular job conditions, such as: soft or uneven ground, out of level conditions, high winds, side loads, pendulum action, jerking or sudden stopping of loads, experience of personnel, two machine (tandem) lifts, traveling with loads, electric wires, obstacles, hazardous conditions, etc. Side pull on boom or jib is extremely dangerous.
11. Never handle personnel with this machine unless the requirements of the applicable national, state, and local regulations and safety codes are met.
12. Keep load handling devices a minimum of 42 inches below boom head at all times.
13. The boom angle before loading should be greater than the loaded boom angle to account for deflection.
14. Capacities appearing above the bold line are based on structural strength and tipping should not be relied upon as a capacity limitation.
15. When operating in the "On Outriggers 50% Extended (19' 9" spread)" mode, the outrigger beam pins must be engaged. When operating in the "On Outriggers 0% Extended (11' 8" spread)" mode, the outrigger beams must be fully retracted. Failure to follow these precautions could result in structural damage or loss of stability of the machine.
16. The counterweight display on the SLI (safe load indicator) system is in metric tons (t). The SLI must not be used to determine the weight of the lifted load.
17. This documentation contains optional equipment such as counterweight combinations or lattice extensions that may not be an integral part of the delivery scope.
18. The maximum outrigger pad load is 166,000 lb.

DEFINITIONS:

1. Operating 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.
2. Loaded Boom Angle (Shown in Parenthesis on Main Boom Capacity Chart): is the angle between the boom base section and the horizontal, after lifting the rated load at the rated radius with the rated boom length.
3. Working Area: Areas measured in a circular arc about the center line of rotation as shown on the working area diagram.
4. Freely Suspended Load: Load hanging free with no direct external force applied except by the lift cable.
5. Side Load: Horizontal force applied to the lifted load either on the ground or in the air.

WEIGHT REDUCTIONS FOR LOAD HANDLING DEVICES

AUXILIARY BOOM NOSE	133 lb
HOOKBLOCKS and HEADACHE BALLS:	
100 ton, 7 sheave	2535 lb+
130 ton, 8 sheave	2530 lb+
10 ton overhaul ball	727 lb+

+Refer to rating plate for actual weight.

When lifting over extension and/or jib combinations, deduct total weight of all load handling devices reeved over main boom nose directly from swingaway or jib capacity.

36- 59 ft. Folding Boom Extension (luffing or manual)		
	Without hookblock or overhaul ball	With 727 lb overhaul ball
*36 ft. Extension (erected) -	5170 lb	7830 lb
*59 ft. Extension (erected) -	8390 lb	12610 lb
12 ft. Luffing Boom Extension		
*12 ft. Extension (erected) -	2620 lb	3690 lb

*Reduction of main boom capacities

NOTE: All load handling devices and boom attachments are considered part of the load and suitable allowances MUST BE MADE for their combined weights. Weights are for Grove furnished equipment.

- When lifting over the main boom nose with the 12 ft. or 36-59 ft. extension erected, the outriggers must be fully extended or 50% extended (19' 9" spread).
- Lifting over the main boom nose with the 12 ft. or 36-59 ft. extension erected is only allowed in rigging modes (counter-weight, outrigger span, slewing range) in which lifting is also allowed with the extension.
- Lifting over main boom nose is not allowed with the 85 ft. or 105 ft. boom extension installed.

Remarks about working with the 36-59 ft. folding extension stowed on the base section:

The main boom capacity is reduced when the 36-59 ft. extension is stowed on the main boom base section. The crane controls and the SLI system detect when the extension is stowed on the main boom and reduce the capacity accordingly. The correct values are always shown in the displays for actual load and radius.

The following formula applies for determining the reduction:

$$x = \frac{101\,260}{\text{Length of main boom in ft.}} \quad \text{(in lb)}$$

Examples of reduction are stated in the following table:

Main boom length	Reduction Capacity
42.3 ft.	2,400 lb
73.8 ft.	1,380 lb
104.5 ft.	970 lb
135.3 ft.	750 lb
196.9 ft.	520 lb

(notes continued on next page)

Caution Notes pertaining to overturning or backward stability:

- Do not turn the superstructure while on rubber with 39,000 lb or 63,000 lb counterweight installed.
- When the 63,000 lb counterweight is installed and the crane is on fully retracted outriggers (11' 8" spread), do not set the radius to less than the shortest radius shown on the load chart for the current boom length because of a risk of overturning backwards. The SLI system monitors this condition and restricts raising the boom to a radius of less than the radius published on the load chart for this configuration.

Additional notes:

- When it is necessary to lower the main boom to below approximately 15°, then either the boom must be fully retracted or the SLI system must be switched over to the rigging table for the corresponding counterweight combination and outrigger span.
- When it is necessary to lower the main boom into a horizontal position with any boom extension erected, then the main boom must be fully retracted and the SLI system must be switched over to the rigging table for the corresponding counterweight combination and outrigger span.
- When working with the 12 ft. luffing extension at an offset angle of less than 20°, the SLI will restrict raising the boom when the main boom angle exceeds 76°.
- When working with the 12 ft. luffing extension at a main boom angle greater than 76°, the SLI will restrict luffing the extension when the offset angle is below 20°.
- The safe load indicator (SLI) only provides protection for operation with one hook. Two-hook operation is not protected by the safe load indicator.
- The telescopic main boom sections must be locked when lifting loads on any boom extension that are greater than the loads in the rigging tables.

LINE PULL AND REEVING INFORMATION

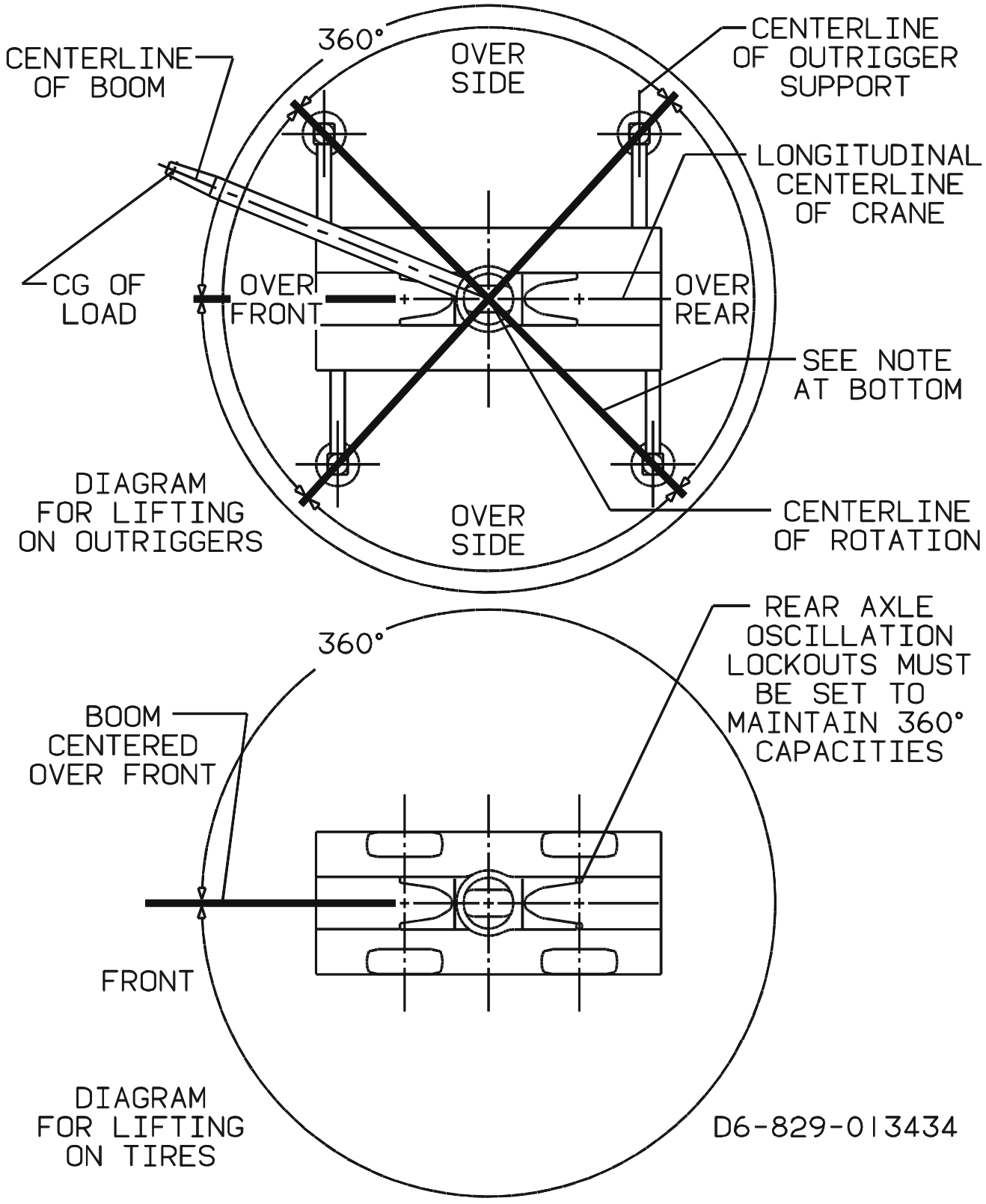
HOISTS	CABLE SPECS.	PERMISSIBLE LINE PULLS	NOMINAL CABLE LENGTH
Main	3/4" (19 mm) 6x37 Class EIPS IWRC Special Flexible Left Regular Lay Min. Breaking Strength 58,800 lb	15,736 lb	850 ft.
Main	19 mm Endurance Dyform 34 LR Rotation Resistant Left Lang Lay Min. Breaking Strength 80,000 lb	15,736 lb	837 ft.
Auxiliary	19 mm Endurance Dyform 34 LR Rotation Resistant Left Lang Lay Min. Breaking Strength 80,000 lb	15,736 lb	738 ft.

The approximate weight of 3/4" (19 mm) wire rope is 1.5 lb/ft.

HOIST PERFORMANCE

Wire Rope Layer	Hoist Line Pulls	Drum Rope Capacity (ft.)	
	Available lb*	Layer	Total
1	23,606	109.95	109.95
2	22,032	120.14	230.09
3	20,459	130.32	360.41
4	18,885	140.50	500.91
5	17,311	150.68	651.59
6	15,736	160.87	812.46

*Max. lifting capacity = 15,736 lb



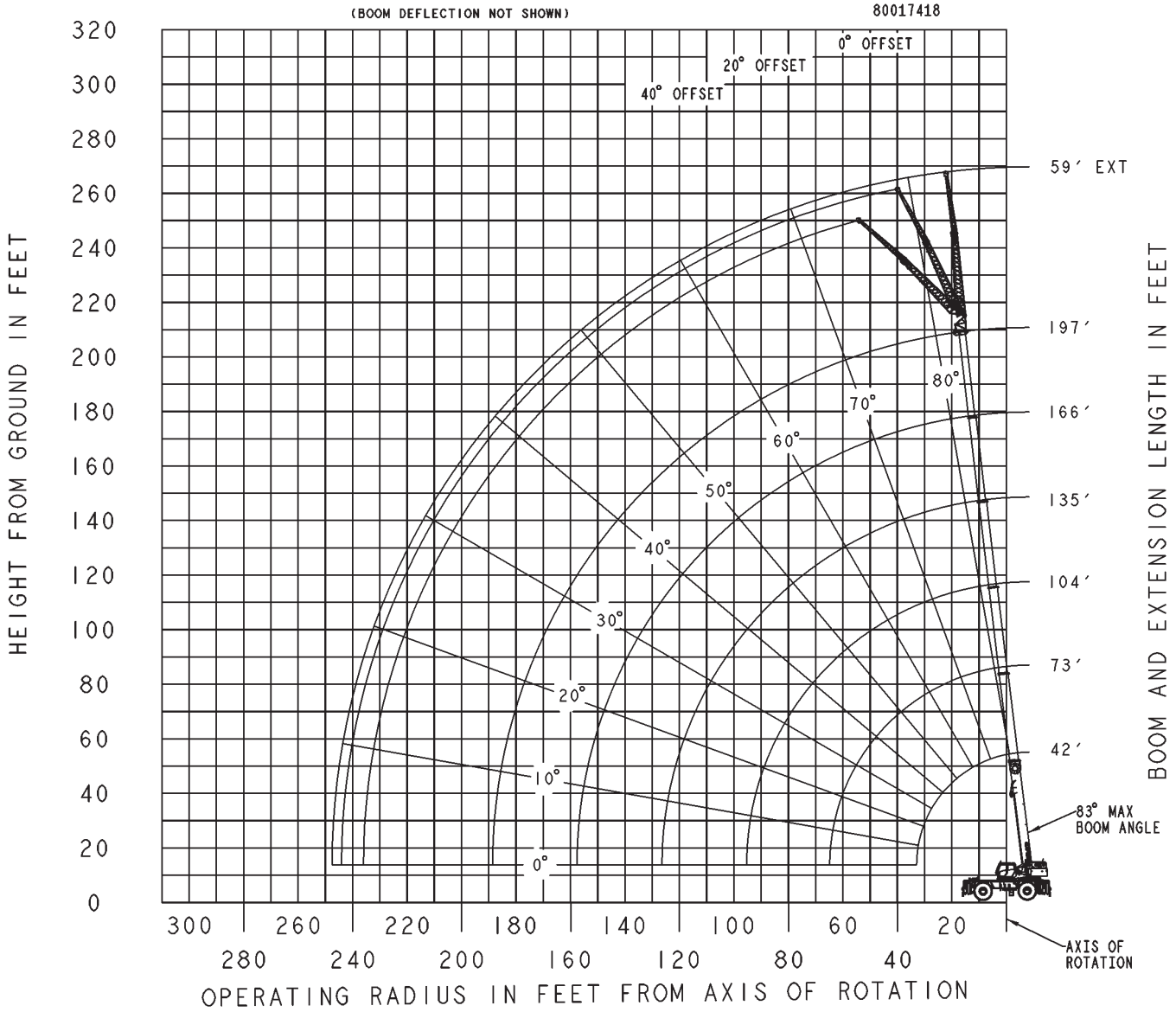
BOLD LINES DETERMINE THE LIMITING POSITION OF ANY LOAD FOR OPERATION WITHIN WORKING AREAS INDICATED

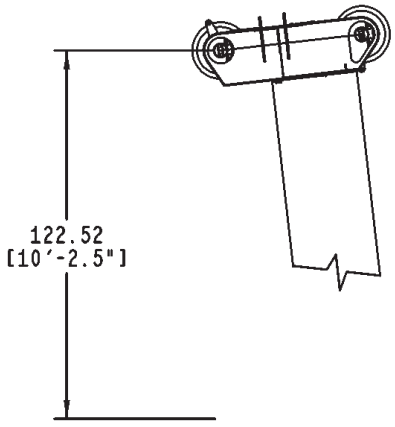
WORKING AREA DIAGRAM

WORKING RANGE DIAGRAM WITH BI-FOLD EXTENSION

(BOOM DEFLECTION NOT SHOWN)

80017418



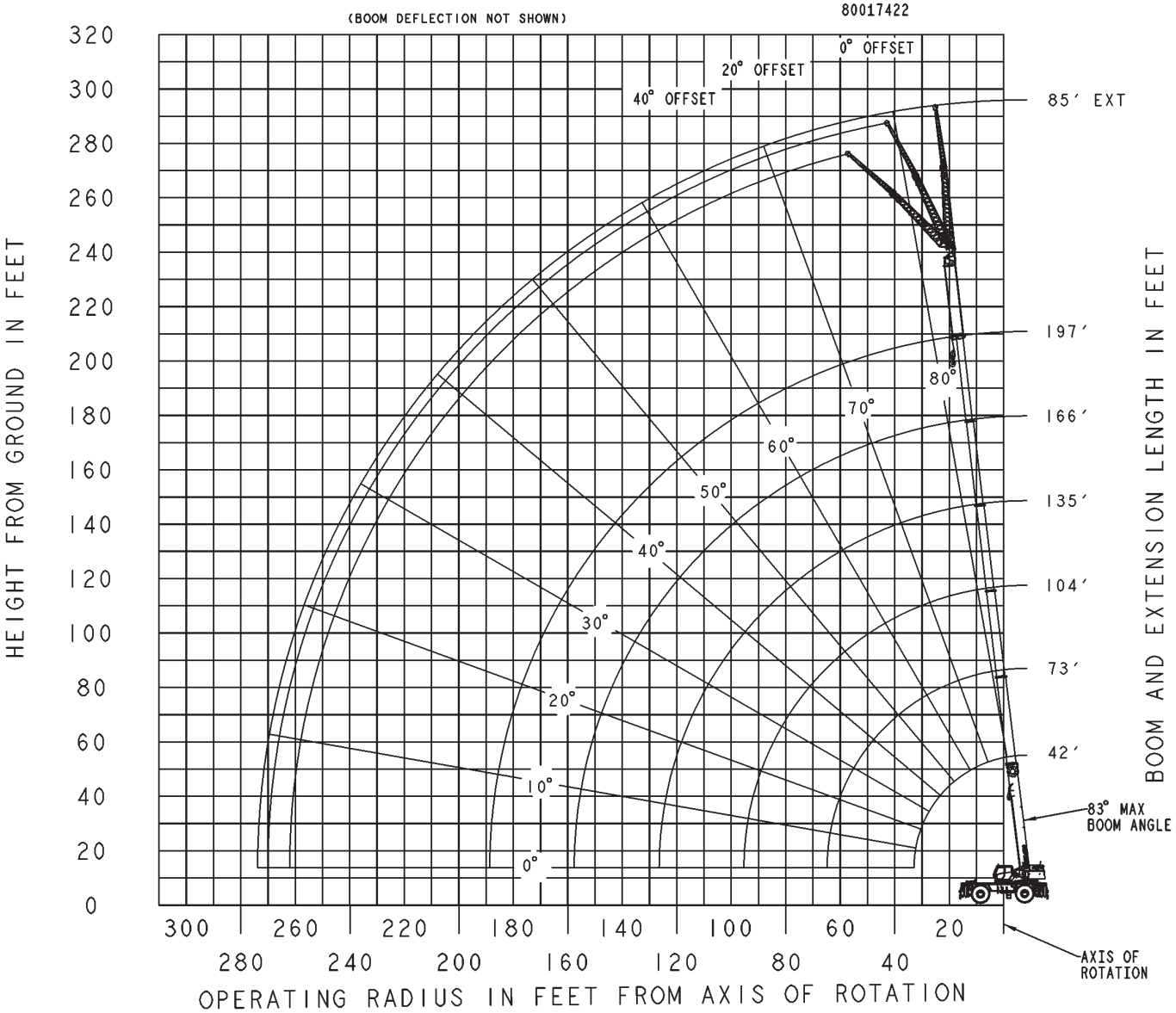


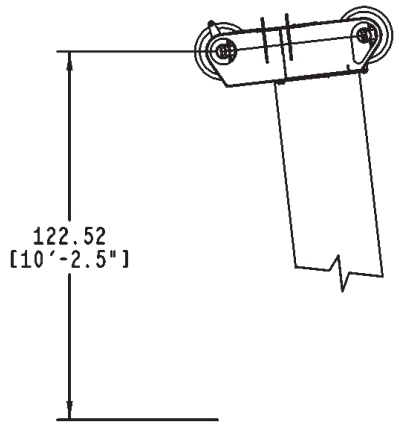
DIMENSIONS ARE FOR LARGEST GROVE FURNISHED HOOKBLOCK AND OVERHAUL BALL, WITH ANTI-TWO BLOCK ACTIVATED.

WORKING RANGE DIAGRAM WITH BI-FOLD EXTENSION

(BOOM DEFLECTION NOT SHOWN)

80017422





DIMENSIONS ARE FOR LARGEST GROVE FURNISHED HOOKBLOCK AND OVERHAUL BALL, WITH ANTI-TWO BLOCK ACTIVATED.

WORKING RANGE DIAGRAM WITH BI-FOLD EXTENSION

(BOOM DEFLECTION NOT SHOWN)

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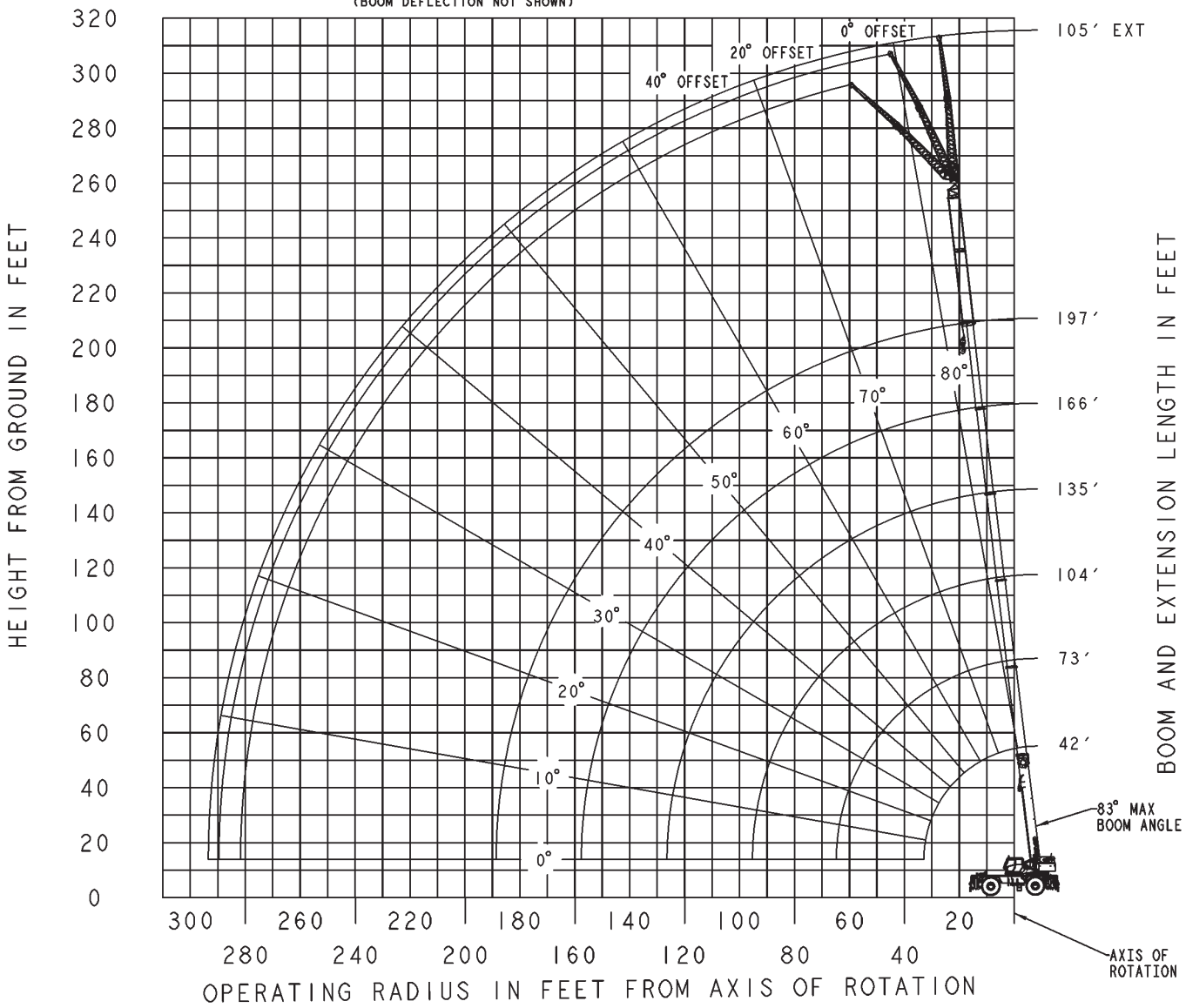
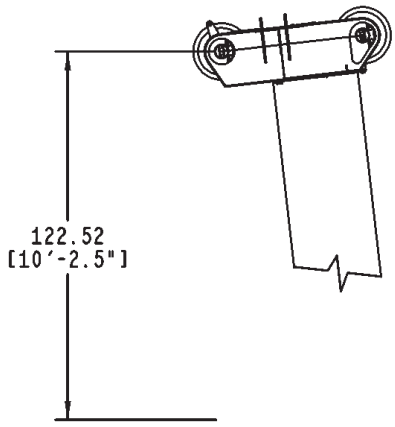
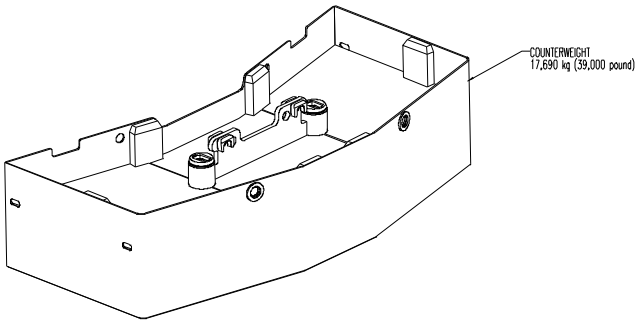


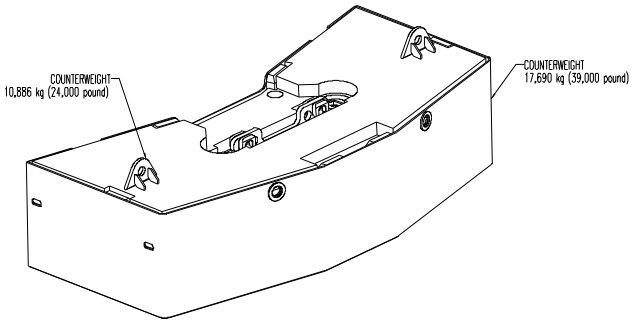


DIMENSIONS ARE FOR LARGEST GROVE FURNISHED HOOKBLOCK AND OVERHAUL BALL, WITH ANTI-TWO BLOCK ACTIVATED.

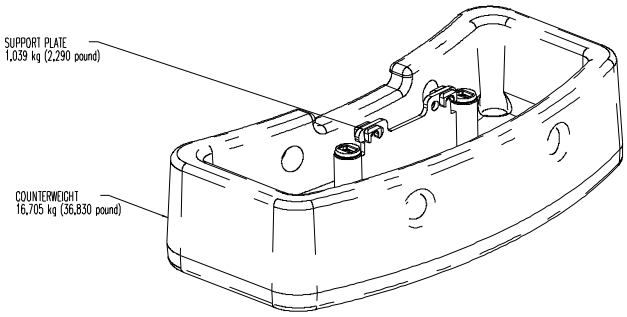
COUNTERWEIGHT CONFIGURATIONS



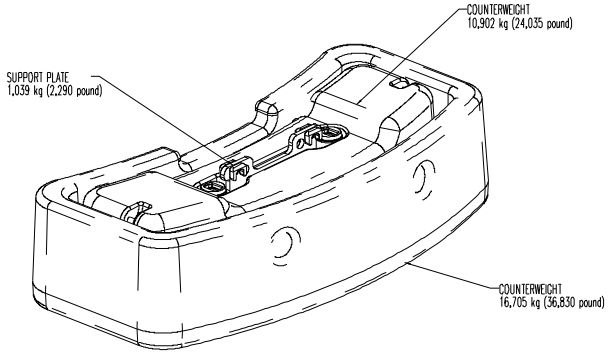
FABRICATED COUNTERWEIGHT INSTL
17,690 kg (39,000 pound)



FABRICATED COUNTERWEIGHT INSTL
28,577 kg (63,000 pound)



CAST COUNTERWEIGHT INSTL
17,690 kg (39,000 pound)



CAST COUNTERWEIGHT INSTL
28,577 kg (63,000 pound)

80024228

RIGGING CHART
42-197’ BOOM - FIXED BOOM LENGTHS with 63,000 and 39,000 lb COUNTERWEIGHTS
LIFTING CAPACITIES IN POUNDS
ON OUTRIGGERS FULLY & HALF EXTENDED - 360°

Tele. Sect.	Main Boom Length in Feet																				
	42.3	57.5	57.6	57.8	57.9	58.0	72.6	72.8	73.0	73.2	73.3	73.4	73.5	73.6	73.8	87.9	88.3	88.7	103.3	103.9	118.8
Sect I	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	50%	100%	0%	0%	0%	0%	0%	0%
Sect II	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	50%	0%	50%	0%
Sect III	0%	0%	0%	50%	0%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	0%	50%	50%	0%	50%	50%
Sect IV	0%	0%	50%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	0%	0%	50%	50%	50%	100%	50%	100%
Sect V	0%	50%	0%	0%	0%	0%	100%	50%	0%	0%	0%	0%	0%	0%	0%	100%	50%	0%	100%	50%	100%
Radius in Feet	Lifting Capacities in Pounds																				
10	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610			
12	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610			
15	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	
20	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
25	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
30	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
35		6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
40		6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
45		6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
50							6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
55							6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
60							6,610	6,610	6,610	6,610	6,570	6,470	6,270	6,170	5,950	6,610	6,610	6,610	6,610	6,610	6,610
65												5,740	4,460	3,880	2,490	6,610	6,610	6,610	6,610	6,610	6,610
70																6,610	6,610	6,610	6,610	6,610	6,610
75																6,610	6,210	5,550	6,610	6,610	6,610
80																		3,680	6,610	6,610	6,610
85																			6,610	6,610	6,610
90																			6,610	6,610	6,610
95																				3,030	6,610
100																					6,610
105																					6,600
110																					3,160

Boom Angle	Lifting Capacities in Pounds																				
0°	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,390	5,730	4,400	3,740	2,200	6,610	5,510	3,520	4,400	2,420	2,860

80020680

SLI CODES: (cwt - code)

Fully extended outriggers:	Half extended outriggers:
63000 lb - 1300	63000 lb - 1301
39000 lb - 1200	39000 lb - 1201

In order to lower the main boom out of the operating area to a boom angle below approximately 15°, either all telescopic sections must be retracted or the corresponding SLI rigging code must be set using the accompanying rigging tables.

Depending on how the crane is rigged (counterweight, span and slewing range), the main boom can be lowered into a horizontal position with up to the 2.5 * telescoped condition (length of the main boom = 118.8 ft.) by using the following rigging tables with the corresponding SLI rigging code.

As long as there is a rigging table for the fully retracted boom, the SLI switches over automatically, i.e. without the need to enter the SLI rigging code. For all other boom lengths, the SLI rigging code must be entered beforehand.

The rigging tables can also be used for maintenance work on the boom.

RIGGING CHART
42-197' BOOM - INTERMEDIATE BOOM LENGTHS with 63,000 and 39,000 lb CWTS.
LIFTING CAPACITIES IN POUNDS
ON OUTRIGGERS FULLY & HALF EXTENDED - 360°

Tele. Sect.	Main Boom Length in Feet																			
	42.3-57.5	57.5-72.6	72.6-87.9	87.9-103.3	103.3-118.8	57.5-72.8	72.8-88.3	88.3-103.9	42.3-57.6	57.6-73.0	57.6-73.2	73.2-88.7	42.3-57.8	57.8-73.3	57.8-73.4	42.3-57.9	57.9-73.5	57.9-73.6	42.3-58.0	58.0-73.8
Sect. I	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0-50%	0-50%	50-100%
Sect. II	0%	0%	0%	0%	0%	0%	0%	0-50%	0%	0%	0%	0-50%	0%	0%	0-50%	0-50%	50-100%	50%	0%	0%
Sect. III	0%	0%	0%	0%	0-50%	0%	0-50%	50%	0%	0%	0-50%	50%	0-50%	50-100%	50%	0%	0%	0%	0%	0%
Sect. IV	0%	0%	0-50%	50-100%	100%	0-50%	50%	50%	0-50%	50-100%	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%
Sect. V	0-50%	50-100%	100%	100%	100%	50%	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Radius in Feet	Lifting Capacities in Pounds																			
10	6,610	6,610	6,610			6,610	6,610		6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
12	6,610	6,610	6,610			6,610	6,610		6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
15	6,610	6,610	6,610	6,610		6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
20	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
25	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
30	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
35	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
40	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
45	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
50		6,610	6,610	6,610	6,610	6,610	6,610	6,610		6,610	6,610	6,610		6,610	6,610		6,610	6,610		6,610
55		6,610	6,610	6,610	6,610	6,610	6,610	6,610		6,610	6,610	6,610		6,610	6,610		6,610	6,610		6,610
60		6,610	6,610	6,610	6,610	6,610	6,610	6,610		6,610	6,610	6,610		6,470	6,470		6,270	6,170		5,950
65			6,610	6,610	6,610		6,610	6,610				6,610			5,740		4,460	3,880		2,490
70			6,610	6,610	6,610		6,610	6,610				6,610								
75			6,190	6,610	6,610		6,130	6,210				5,550								
80				6,610	6,610			6,210				3,680								
85				6,610	6,610			6,210												
90				6,610	6,610			6,210												
95					6,610			3,030												
100					6,610															
105					6,600															
110					2,960															

Boom Angle	Lifting Capacities in Pounds																			
0°	6,610	6,610	5,510	4,180	2,640	6,610	5,290	2,420	6,610	6,610	6,610	3,520	6,610	5,730	5,730	6,610	4,400	3,740	6,610	2,200

80020681

In order to lower the main boom out of the operating area to a boom angle below approximately 15°, either all telescopic sections must be retracted or the corresponding SLI rigging code must be set using the accompanying rigging tables.

Depending on how the crane is rigged (counterweight, span and slewing range), the main boom can be lowered into a horizontal position with up to the 2.5 * telescoped condition (length of the main boom = 118.8 ft.) by using the following rigging tables with the corresponding SLI rigging code.

As long as there is a rigging table for the fully retracted boom, the SLI switches over automatically, i.e. without the need to enter the SLI rigging code. For all other boom lengths, the SLI rigging code must be entered beforehand.

The rigging tables can also be used for maintenance work on the boom.

SLI CODES: (cwt - code)

Fully extended outriggers:
63000 lb - 1300
39000 lb - 1200

Half extended outriggers:
63000 lb - 1301
39000 lb - 1201

RIGGING CHART
42-197’ BOOM - FIXED BOOM LENGTHS with 63000 lb CWT
LIFTING CAPACITIES IN POUNDS
ON OUTRIGGERS 0% EXTENDED (fully retracted) - 360°

Tele. Sect.	SLI code #1303																				
	Main Boom Length in Feet																				
	42.3	57.5	57.6	57.8	57.9	58.0	72.6	72.8	73.0	73.2	73.3	73.4	73.5	73.6	73.8	87.9	88.3	88.7	103.3	103.9	118.8
Sect I	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	50%	100%	0%	0%	0%	0%	0%	0%
Sect II	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	50%	0%	50%	0%
Sect III	0%	0%	0%	50%	0%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	0%	50%	50%	0%	50%	50%
Sect IV	0%	0%	50%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	0%	0%	50%	50%	50%	100%	50%	100%
Sect V	0%	50%	0%	0%	0%	0%	100%	50%	0%	0%	0%	0%	0%	0%	0%	100%	50%	0%	100%	50%	100%
Radius in Feet	Lifting Capacities in Pounds																				
15	6,610				6,610	6,610							6,610	6,610	6,610						
20	6,610	6,610	6,610	6,610	6,610	6,610			6,610	6,610	6,610	6,610	6,610	6,610	6,610			6,610			
25	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	
30	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
35		6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
40		6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
45		6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
50							6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
55							6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
60							6,610	6,610	6,610	6,610	6,570	6,470	6,270	6,170	5,950	6,610	6,610	6,610	6,610	6,610	6,610
65												5,740	4,460	3,880	2,490	6,610	6,610	6,610	6,610	6,610	6,610
70																6,610	6,610	6,610	6,610	6,610	6,610
75																6,610	6,210	5,550	6,610	6,610	6,610
80																		3,680	6,610	6,610	6,610
85																			6,610	6,610	6,610
90																			6,610	6,480	6,610
95																				3,030	6,610
100																					6,610
105																					6,010
110																					3,160

Boom Angle	Lifting Capacities in Pounds																				
0°	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,390	5,730	4,400	3,740	2,200	6,610	5,510	3,520	4,400	2,420	2,860

80020683A

In order to lower the main boom out of the operating area to a boom angle below approximately 15°, either all telescopic sections must be retracted or the corresponding SLI rigging code must be set using the accompanying rigging tables.

Depending on how the crane is rigged (counterweight, span and slewing range), the main boom can be lowered into a horizontal position with up to the 2.5 * telescoped condition (length of the main boom = 118.8 ft.) by using the following rigging tables with the corresponding SLI rigging code.

As long as there is a rigging table for the fully retracted boom, the SLI switches over automatically, i.e. without the need to enter the SLI rigging code. For all other boom lengths, the SLI rigging code must be entered beforehand.

The rigging tables can also be used for maintenance work on the boom.

RIGGING CHART
42-197’ BOOM - INTERMEDIATE BOOM LENGTHS WITH 63000 lb CWT
LIFTING CAPACITIES IN POUNDS
ON OUTRIGGERS 0% EXTENDED (fully retracted) - 360°

Tele. Sect.	SLI code #1303																			
	Main Boom Length in Feet																			
	42.3-57.5	57.5-72.6	72.6-87.9	87.9-103.3	103.3-118.8	57.5-72.8	72.8-88.3	88.3-103.9	42.3-57.6	57.6-73.0	57.6-73.2	73.2-88.7	42.3-57.8	57.8-73.3	57.8-73.4	42.3-57.9	57.9-73.5	57.9-73.6	42.3-58.0	58.0-73.8
Sect. I	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0-50%	0-50%	50-100%
Sect. II	0%	0%	0%	0%	0%	0%	0%	0-50%	0%	0%	0%	0-50%	0%	0%	0-50%	0-50%	50-100%	50%	0%	0%
Sect. III	0%	0%	0%	0%	0-50%	0%	0-50%	50%	0%	0%	0-50%	50%	0-50%	50-100%	50%	0%	0%	0%	0%	0%
Sect. IV	0%	0%	0-50%	50-100%	100%	0-50%	50%	50%	0-50%	50-100%	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%
Sect. V	0-50%	50-100%	100%	100%	100%	50%	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Radius in Feet	Lifting Capacities in Pounds																			
15																6,610	6,610	6,610	6,610	6,610
20	6,610								6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
25	6,610	6,610	6,610	6,610		6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
30	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
35	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
40	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
45	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
50		6,610	6,610	6,610	6,610	6,610	6,610	6,610		6,610	6,610	6,610		6,610	6,610		6,610	6,610		6,610
55		6,610	6,610	6,610	6,610	6,610	6,610	6,610		6,610	6,610	6,610		6,610	6,610		6,610	6,610		6,610
60		6,610	6,610	6,610	6,610	6,610	6,610	6,610		6,610	6,610	6,610		6,470	6,470		6,270	6,170		5,950
65			6,610	6,610	6,610		6,610	6,610				6,610			5,740		4,460	3,880		2,490
70			6,610	6,610	6,610		6,610	6,610				6,610								
75			6,190	6,610	6,610		6,130	6,210				5,550								
80				6,610	6,610			6,210				3,680								
85				6,610	6,610			6,210												
90				6,610	6,610			6,210												
95					6,610			3,030												
100					6,610															
105					6,010															
110					2,960															

Boom Angle	Lifting Capacities in Pounds																			
0°	6,610	6,610	5,510	4,180	2,640	6,610	5,290	2,420	6,610	6,610	6,610	3,520	6,610	5,730	5,730	6,610	4,400	3,740	6,610	2,200

80020685A

In order to lower the main boom out of the operating area to a boom angle below approximately 15°, either all telescopic sections must be retracted or the corresponding SLI rigging code must be set using the accompanying rigging tables.

Depending on how the crane is rigged (counterweight, span and slewing range), the main boom can be lowered into a horizontal position with up to the 2.5 * telescoped condition (length of the main boom = 118.8 ft.) by using the following rigging tables with the corresponding SLI rigging code.

As long as there is a rigging table for the fully retracted boom, the SLI switches over automatically, i.e. without the need to enter the SLI rigging code. For all other boom lengths, the SLI rigging code must be entered beforehand.

The rigging tables can also be used for maintenance work on the boom.

RIGGING CHART
42-197’ BOOM - FIXED BOOM LENGTHS with 63000 lb CWT
LIFTING CAPACITIES IN POUNDS
STATIONARY ON RUBBER - BOOM CENTERED DIRECTLY OVER FRONT

Tele. Sect.	SLI code #1305					
	Main Boom Length in Feet					
	42.3	57.5	72.6	72.8	87.9	88.3
Sect I	0%	0%	0%	0%	0%	0%
Sect II	0%	0%	0%	0%	0%	0%
Sect III	0%	0%	0%	0%	0%	50%
Sect IV	0%	0%	0%	50%	50%	50%
Sect V	0%	50%	100%	50%	100%	50%
Radius in Feet	Lifting Capacities in Pounds					
20	6,610					
25	6,610	6,610	6,610	6,610		
30	6,610	6,610	6,610	6,610	6,610	6,610
35		6,610	6,610	6,610	6,610	6,610
40		6,610	6,610	6,610	6,610	6,610
45		6,610	6,610	6,610	6,610	6,610
50			6,610	6,610	6,610	6,610
55			6,610	6,610	6,610	6,610
60			6,610	6,610	6,610	6,610
65					6,610	6,610
70					6,610	6,610
75					6,610	6,210

Boom Angle	Lifting Capacities in Pounds					
0°	6,610	6,610	6,610	6,610	6,610	5,510

80020687

In order to lower the main boom out of the operating area to a boom angle below approximately 15°, either all telescopic sections must be retracted or the corresponding SLI rigging code must be set using the accompanying rigging tables.

Depending on how the crane is rigged (counterweight, span and slewing range), the main boom can be lowered into a horizontal position with up to the 2.5 * telescoped condition (length of the main boom = 118.8 ft.) by using the following rigging tables with the corresponding SLI rigging code.

As long as there is a rigging table for the fully retracted boom, the SLI switches over automatically, i.e. without the need to enter the SLI rigging code. For all other boom lengths, the SLI rigging code must be entered beforehand.

The rigging tables can also be used for maintenance work on the boom.

RIGGING CHART
42-197’ BOOM - INTERMEDIATE BOOM LENGTHS with 63000 lb CWT
LIFTING CAPACITIES IN POUNDS
STATIONARY ON RUBBER - BOOM CENTERED DIRECTLY OVER FRONT

Tele. Sect.	SLI code #1305				
	Main Boom Length in Feet				
	42.3-57.5	57.5-72.6	57.5-72.8	72.6-87.9	72.8-88.3
Sect. I Sect. II Sect. III Sect. IV Sect. V	0% 0% 0% 0% 0-50%	0% 0% 0% 0% 50-100%	0% 0% 0% 0-50% 50%	0% 0% 0% 0-50% 100%	0% 0% 0-50% 50% 50%
Radius in Feet	Lifting Capacities in Pounds				
20	6,610				
25	6,610	6,610	6,610	6,610	6,610
30	6,610	6,610	6,610	6,610	6,610
35	6,610	6,610	6,610	6,610	6,610
40	6,610	6,610	6,610	6,610	6,610
45	6,610	6,610	6,610	6,610	6,610
50		6,610	6,610	6,610	6,610
55		6,610	6,610	6,610	6,610
60		6,610	6,610	6,610	6,610
65				6,610	6,610
70				6,610	6,610
75				6,190	6,130

Boom Angle	Lifting Capacities in Pounds				
0°	6,610	6,610	6,610	5,510	5,290

80020689

In order to lower the main boom out of the operating area to a boom angle below approximately 15°, either all telescopic sections must be retracted or the corresponding SLI rigging code must be set using the accompanying rigging tables.

Depending on how the crane is rigged (counterweight, span and slewing range), the main boom can be lowered into a horizontal position with up to the 2.5 * telescoped condition (length of the main boom = 118.8 ft.) by using the following rigging tables with the corresponding SLI rigging code.

As long as there is a rigging table for the fully retracted boom, the SLI switches over automatically, i.e. without the need to enter the SLI rigging code. For all other boom lengths, the SLI rigging code must be entered beforehand.

The rigging tables can also be used for maintenance work on the boom.

RIGGING CHART
42-197’ BOOM - FIXED BOOM LENGTHS with 39000 lb CWT
LIFTING CAPACITIES IN POUNDS
ON OUTRIGGERS 0% EXTENDED (fully retracted) - 360°

Tele. Sect.	SLI code #1203																				
	Main Boom Length in Feet																				
	42.3	57.5	57.6	57.8	57.9	58.0	72.6	72.8	73.0	73.2	73.3	73.4	73.5	73.6	73.8	87.9	88.3	88.7	103.3	103.9	118.8
Sect I	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	50%	100%	0%	0%	0%	0%	0%	0%
Sect II	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	50%	0%	50%	0%
Sect III	0%	0%	0%	50%	0%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	0%	50%	50%	0%	50%	50%
Sect IV	0%	0%	50%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	0%	0%	50%	50%	50%	100%	50%	100%
Sect V	0%	50%	0%	0%	0%	0%	100%	50%	0%	0%	0%	0%	0%	0%	0%	100%	50%	0%	100%	50%	100%
Radius in Feet	Lifting Capacities in Pounds																				
10	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610			
12	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610			
15	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	
20	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
25	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
30	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
35		6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
40		6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
45		6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
50							6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
55							6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	5,000	6,610	6,610	6,610	6,610	6,610	6,610
60							6,610	6,610	6,610	6,610	6,570	6,470	5,280	4,600	2,710	6,610	6,610	6,610	6,610	6,610	6,610
65												5,020	3,330	2,650		6,610	6,610	6,610	6,610	6,610	6,610
70																6,610	6,610	5,280	6,610	6,610	6,610
75																6,610	6,060	3,870	6,610	5,660	6,610
80																		2,650	6,480	4,430	6,610
85																			5,400	3,350	5,800
90																			4,450	2,410	4,840
95																				1,580	3,990
100																					3,230
105																					2,560
110																					1,970

Boom Angle	Lifting Capacities in Pounds																				
0°	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	5,490	4,970	3,250	2,520		6,270	4,860	2,560	3,640	1,510	1,930

80020682

In order to lower the main boom out of the operating area to a boom angle below approximately 15°, either all telescopic sections must be retracted or the corresponding SLI rigging code must be set using the accompanying rigging tables.

Depending on how the crane is rigged (counterweight, span and slewing range), the main boom can be lowered into a horizontal position with up to the 2.5 * telescoped condition (length of the main boom = 118.8 ft.) by using the following rigging tables with the corresponding SLI rigging code.

As long as there is a rigging table for the fully retracted boom, the SLI switches over automatically, i.e. without the need to enter the SLI rigging code. For all other boom lengths, the SLI rigging code must be entered beforehand.

The rigging tables can also be used for maintenance work on the boom.

RIGGING CHART
42-197’ BOOM - INTERMEDIATE BOOM LENGTHS with 39000 lb CWT
LIFTING CAPACITIES IN POUNDS
ON OUTRIGGERS 0% EXTENDED (fully retracted) - 360°

Tele. Sect.	SLI code #1203																			
	Main Boom Length in Feet																			
	42.3-57.5	57.5-72.6	72.6-87.9	87.9-103.3	103.3-118.8	57.5-72.8	72.8-88.3	88.3-103.9	42.3-57.6	57.6-73.0	57.6-73.2	73.2-88.7	42.3-57.8	57.8-73.3	57.8-73.4	42.3-57.9	57.9-73.5	57.9-73.6	42.3-58.0	58.0-73.8
Sect. I	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0-50%	0-50%	50-100%
Sect. II	0%	0%	0%	0%	0%	0%	0%	0-50%	0%	0%	0%	0-50%	0%	0%	0-50%	0-50%	50-100%	50%	0%	0%
Sect. III	0%	0%	0%	0%	0-50%	0%	0-50%	50%	0%	0%	0-50%	50%	0-50%	50-100%	50%	0%	0%	0%	0%	0%
Sect. IV	0%	0%	0-50%	50-100%	100%	0-50%	50%	50%	0-50%	50-100%	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%
Sect. V	0-50%	50-100%	100%	100%	100%	50%	50%	50%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%
Radius in Feet	Lifting Capacities in Pounds																			
10	6,610	6,610	6,610			6,610	6,610		6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
12	6,610	6,610	6,610			6,610	6,610		6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
15	6,610	6,610	6,610	6,610		6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
20	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
25	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
30	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
35	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
40	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
45	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610	6,610
50		6,610	6,610	6,610	6,610	6,610	6,610	6,610		6,610	6,610	6,610		6,610	6,610		6,610	6,610		6,610
55		6,610	6,610	6,610	6,610	6,610	6,610	6,610		6,610	6,610	6,610		6,610	6,610		6,610	6,610		5,000
60		6,610	6,610	6,610	6,610	6,610	6,610	6,610		6,610	6,610	6,610		6,470	6,470		5,280	4,600		2,710
65			6,610	6,610	6,610		6,610	6,610				6,610			5,020		3,330	2,650		
70			6,610	6,610	6,610		6,610	6,610				5,280								
75			6,190	6,610	6,610		6,060	5,660				3,870								
80				6,480	6,480			4,430				2,650								
85				5,400	5,400			3,350												
90				4,450	4,450			2,410												
95					3,990			1,580												
100					3,230															
105					2,560															
110					1,970															

Boom Angle	Lifting Capacities in Pounds																			
0°	6,610	6,610	5,510	3,640	1,930	6,610	4,860	1,510	6,610	6,610	6,610	2,560	6,610	5,490	4,970	6,610	3,250	2,520	6,610	

80020684

In order to lower the main boom out of the operating area to a boom angle below approximately 15°, either all telescopic sections must be retracted or the corresponding SLI rigging code must be set using the accompanying rigging tables.

Depending on how the crane is rigged (counterweight, span and slewing range), the main boom can be lowered into a horizontal position with up to the 2.5 * telescoped condition (length of the main boom = 118.8 ft.) by using the following rigging tables with the corresponding SLI rigging code.

As long as there is a rigging table for the fully retracted boom, the SLI switches over automatically, i.e. without the need to enter the SLI rigging code. For all other boom lengths, the SLI rigging code must be entered beforehand.

The rigging tables can also be used for maintenance work on the boom.

RIGGING CHART
42-197’ BOOM - FIXED BOOM LENGTHS with 39000 lb CWT
LIFTING CAPACITIES IN POUNDS
STATIONARY ON RUBBER - BOOM CENTERED DIRECTLY OVER FRONT

Tele. Sect.	SLI code #1205					
	Main Boom Length in Feet					
	42.3	57.5	72.6	72.8	87.9	88.3
Sect I	0%	0%	0%	0%	0%	0%
Sect II	0%	0%	0%	0%	0%	0%
Sect III	0%	0%	0%	0%	0%	50%
Sect IV	0%	0%	0%	50%	50%	50%
Sect V	0%	50%	100%	50%	100%	50%
Radius in Feet	Lifting Capacities in Pounds					
10	6,610	6,610	6,610	6,610	6,610	6,610
12	6,610	6,610	6,610	6,610	6,610	6,610
15	6,610	6,610	6,610	6,610	6,610	6,610
20	6,610	6,610	6,610	6,610	6,610	6,610
25	6,610	6,610	6,610	6,610	6,610	6,610
30	6,610	6,610	6,610	6,610	6,610	6,610
35		6,610	6,610	6,610	6,610	6,610
40		6,610	6,610	6,610	6,610	6,610
45		6,610	6,610	6,610	6,610	6,610
50			6,610	6,610	6,610	6,610
55			6,610	6,610	6,610	6,610
60			6,610	6,610	6,610	6,610
65					6,610	6,610
70					6,610	6,610
75					6,610	6,210

Boom Angle	Lifting Capacities in Pounds					
0°	6,610	6,610	6,610	6,610	6,610	5,510

80020686

In order to lower the main boom out of the operating area to a boom angle below approximately 15°, either all telescopic sections must be retracted or the corresponding SLI rigging code must be set using the accompanying rigging tables.

Depending on how the crane is rigged (counterweight, span and slewing range), the main boom can be lowered into a horizontal position with up to the 2.5 * telescoped condition (length of the main boom = 118.8 ft.) by using the following rigging tables with the corresponding SLI rigging code.

As long as there is a rigging table for the fully retracted boom, the SLI switches over automatically, i.e. without the need to enter the SLI rigging code. For all other boom lengths, the SLI rigging code must be entered beforehand.

The rigging tables can also be used for maintenance work on the boom.

RIGGING CHART
42-197’ BOOM - INTERMEDIATE BOOM LENGTHS with 39000 lb CWT
LIFTING CAPACITIES IN POUNDS
STATIONARY ON RUBBER - BOOM CENTERED DIRECTLY OVER FRONT

Tele. Sect.	SLI code #1205				
	Main Boom Length in Feet				
	42.3-57.5	57.5-72.6	57.5-72.8	72.6-87.9	72.8-88.3
Sect. I Sect. II Sect. III Sect. IV Sect. V	0% 0% 0% 0% 0-50%	0% 0% 0% 0% 50-100%	0% 0% 0% 0-50% 50%	0% 0% 0% 0-50% 100%	0% 0% 0-50% 50% 50%
Radius in Feet	Lifting Capacities in Pounds				
10	6,610	6,610	6,610	6,610	6,610
12	6,610	6,610	6,610	6,610	6,610
15	6,610	6,610	6,610	6,610	6,610
20	6,610	6,610	6,610	6,610	6,610
25	6,610	6,610	6,610	6,610	6,610
30	6,610	6,610	6,610	6,610	6,610
35	6,610	6,610	6,610	6,610	6,610
40	6,610	6,610	6,610	6,610	6,610
45	6,610	6,610	6,610	6,610	6,610
50		6,610	6,610	6,610	6,610
55		6,610	6,610	6,610	6,610
60		6,610	6,610	6,610	6,610
65				6,610	6,610
70				6,610	6,610
75				6,190	6,130

Boom Angle	Lifting Capacities in Pounds				
0°	6,610	6,610	6,610	5,510	5,290

80020688

In order to lower the main boom out of the operating area to a boom angle below approximately 15°, either all telescopic sections must be retracted or the corresponding SLI rigging code must be set using the accompanying rigging tables.

Depending on how the crane is rigged (counterweight, span and slewing range), the main boom can be lowered into a horizontal position with up to the 2.5 * telescoped condition (length of the main boom = 118.8 ft.) by using the following rigging tables with the corresponding SLI rigging code.

As long as there is a rigging table for the fully retracted boom, the SLI switches over automatically, i.e. without the need to enter the SLI rigging code. For all other boom lengths, the SLI rigging code must be entered beforehand.

The rigging tables can also be used for maintenance work on the boom.

RIGGING CHART
42-197’ BOOM - FIXED BOOM LENGTHS with NO CWT
LIFTING CAPACITIES IN POUNDS
ON OUTRIGGERS FULLY EXTENDED - 360°

Tele. Sect.	SLI code #1100		
	Main Boom Length in Feet		
	42.3	57.5	57.6
Sect I	0%	0%	0%
Sect II	0%	0%	0%
Sect III	0%	0%	0%
Sect IV	0%	0%	50%
Sect V	0%	50%	0%
Radius in Feet	Lifting Capacities in Pounds		
10	6,610	6,610	6,610
12	6,610	6,610	6,610
15	6,610	6,610	6,610
20	6,610	6,610	6,610
25	6,610	6,610	6,610
30	6,610	6,610	6,610
35		6,610	6,610
40		6,610	6,610
45		6,610	6,610

Boom Angle	Lifting Capacities in Pounds		
0°	6,610	6,610	6,610

80020695

In order to lower the main boom out of the operating area to a boom angle below approximately 15°, either all telescopic sections must be retracted or the corresponding SLI rigging code must be set using the accompanying rigging tables.

Depending on how the crane is rigged (counterweight, span and slewing range), the main boom can be lowered into a horizontal position with up to the 2.5 * telescoped condition (length of the main boom = 118.8 ft.) by using the following rigging tables with the corresponding SLI rigging code.

As long as there is a rigging table for the fully retracted boom, the SLI switches over automatically, i.e. without the need to enter the SLI rigging code. For all other boom lengths, the SLI rigging code must be entered beforehand.

The rigging tables can also be used for maintenance work on the boom.

RIGGING CHART
42-197’ BOOM - INTERMEDIATE BOOM LENGTHS with NO CWT
LIFTING CAPACITIES IN POUNDS
ON OUTRIGGERS FULLY EXTENDED - 360°

Tele. Sect.	SLI code #1100	
	Main Boom Length in Feet	
	42.3-57.5	42.3-57.6
Sect. I Sect. II Sect. III Sect. IV Sect. V	0% 0% 0% 0% 0-50%	0% 0% 0% 0-50% 0%
Radius in Feet	Lifting Capacities in Pounds	
10	6,610	6,610
12	6,610	6,610
15	6,610	6,610
20	6,610	6,610
25	6,610	6,610
30	6,610	6,610
35	6,610	6,610
40	6,610	6,610
45	6,610	6,610

Boom Angle	Lifting Capacities in Pounds	
0°	6,610	6,610

80020696

In order to lower the main boom out of the operating area to a boom angle below approximately 15°, either all telescopic sections must be retracted or the corresponding SLI rigging code must be set using the accompanying rigging tables.

Depending on how the crane is rigged (counterweight, span and slewing range), the main boom can be lowered into a horizontal position with up to the 2.5 * telescoped condition (length of the main boom = 118.8 ft.) by using the following rigging tables with the corresponding SLI rigging code.

As long as there is a rigging table for the fully retracted boom, the SLI switches over automatically, i.e. without the need to enter the SLI rigging code. For all other boom lengths, the SLI rigging code must be entered beforehand.

The rigging tables can also be used for maintenance work on the boom.

RIGGING CHART
42-197’ BOOM - FIXED BOOM LENGTHS with NO CWT
LIFTING CAPACITIES IN POUNDS
STATIONARY ON RUBBER - BOOM CENTERED DIRECTLY OVER FRONT

Tele. Sect.	SLI code #1105		
	Main Boom Length in Feet		
	42.3	57.5	57.6
Sect I	0%	0%	0%
Sect II	0%	0%	0%
Sect III	0%	0%	0%
Sect IV	0%	0%	50%
Sect V	0%	50%	0%
Radius in Feet	Lifting Capacities in Pounds		
10	6,610	6,610	6,610
12	6,610	6,610	6,610
15	6,610	6,610	6,610
20	6,610	6,610	6,610
25	6,610	6,610	6,610
30	6,610	6,610	6,610
35		6,610	6,610
40		6,610	6,610
45		6,610	6,610

Boom Angle	Lifting Capacities in Pounds		
0°	6,610	6,610	5,680

80020697

In order to lower the main boom out of the operating area to a boom angle below approximately 15°, either all telescopic sections must be retracted or the corresponding SLI rigging code must be set using the accompanying rigging tables.

Depending on how the crane is rigged (counterweight, span and slewing range), the main boom can be lowered into a horizontal position with up to the 2.5 * telescoped condition (length of the main boom = 118.8 ft.) by using the following rigging tables with the corresponding SLI rigging code.

As long as there is a rigging table for the fully retracted boom, the SLI switches over automatically, i.e. without the need to enter the SLI rigging code. For all other boom lengths, the SLI rigging code must be entered beforehand.

The rigging tables can also be used for maintenance work on the boom.

RIGGING CHART
42-197’ BOOM - INTERMEDIATE BOOM LENGTHS with NO CWT
LIFTING CAPACITIES IN POUNDS
STATIONARY ON RUBBER - BOOM CENTERED DIRECTLY OVER FRONT

Tele. Sect.	SLI code #1105	
	Main Boom Length in Feet	
	42.3-57.5	42.3-57.6
Sect. I	0%	0%
Sect. II	0%	0%
Sect. III	0%	0%
Sect. IV	0%	0-50%
Sect. V	0-50%	0%
Radius in Feet	Lifting Capacities in Pounds	
10	6,610	6,610
12	6,610	6,610
15	6,610	6,610
20	6,610	6,610
25	6,610	6,610
30	6,610	6,610
35	6,610	6,610
40	6,610	6,610
45	6,610	6,610

Boom Angle	Lifting Capacities in Pounds	
0°	6,610	5,680

80020698

In order to lower the main boom out of the operating area to a boom angle below approximately 15°, either all telescopic sections must be retracted or the corresponding SLI rigging code must be set using the accompanying rigging tables.

Depending on how the crane is rigged (counterweight, span and slewing range), the main boom can be lowered into a horizontal position with up to the 2.5 * telescoped condition (length of the main boom = 118.8 ft.) by using the following rigging tables with the corresponding SLI rigging code.

As long as there is a rigging table for the fully retracted boom, the SLI switches over automatically, i.e. without the need to enter the SLI rigging code. For all other boom lengths, the SLI rigging code must be entered beforehand.

The rigging tables can also be used for maintenance work on the boom.

RIGGING CHART FOR BOOM EXTENSION UP TO 40° OFFSET ANGLE
LIFTING CAPACITIES IN POUNDS

36-59 ft. FOLDING BOOM EXTENSION

ON OUTRIGGERS FULLY EXTENDED & 50% EXTENDED - 360°					
SLI code	**0° - 40° offset:**	**100% o/r's: 39000 / 63000 lb cwt = 3200 / 3300 50% o/r's: 39000 / 63000 lb cwt = 3250 / 3350**		**100% o/r's: 39000 / 63000 lb cwt = 3210 / 3310 50% o/r's: 39000 / 63000 lb cwt = 3260 / 3360**	
Main Boom		**36 ft. Extension**		**59 ft. Extension**	
		Minimum Angle	Maximum Load	Minimum Angle	Maximum Load
5 x extended (196.9 ft.)		75°	2600 lb	78°	2600 lb
4 x extended (166.4 ft.)		75°	3300 lb	78°	3300 lb
3 x extended (135.3 ft.)		75°	3300 lb	75°	3300 lb
0 x extended (42.3 ft.)		<0°	4400 lb	<0°	4400 lb

80021502

85 ft. FOLDING BOOM EXTENSION

ON OUTRIGGERS FULLY EXTENDED - 360°			
SLI code	**0° - 40° offset:**	**39000 lb cwt = 3220, 63000 lb cwt = 3320**	
Main Boom		Minimum Angle	Maximum Load
5 x extended (196.9 ft.)		80°	2600 lb
4 x extended (166.4 ft.)		78°	2600 lb
2.5 x extended (119.6 ft.)		75°	2600 lb
0 x extended (42.3 ft.)		<0°	3300 lb

80021503

105 ft. FOLDING BOOM EXTENSION

ON OUTRIGGERS FULLY EXTENDED - 360°			
SLI code	**0° - 40° offset:**	**39000 lb cwt = 3230, 63000 lb cwt = 3330**	
Main Boom		Minimum Angle	Maximum Load
5 x extended (196.9 ft.)		80°	2200 lb
2.5 x extended (119.6 ft.)		78°	2600 lb
0 x extended (42.3 ft.)		<0°	3300 lb

80021503

12 ft. FOLDING BOOM EXTENSION

ON OUTRIGGERS FULLY EXTENDED & 50% EXTENDED - 360°			
SLI code	**0° - 40° offset:**	**100% o/r's: 39000 / 63000 lb cwt = 3240 / 3340 50% o/r's: 39000 / 63000 lb cwt = 3270 / 3370**	
Main Boom		Minimum Angle	Maximum Load
5 x extended (196.9 ft.)		70°	2200 lb
4 x extended (166.4 ft.)		70°	2600 lb
3 x extended (135.3 ft.)		70°	4400 lb
0 x extended (42.3 ft.)		<0°	4400 lb

80021504

- The main boom can be telescoped with a boom extension erected at the minimum boom angle given in the tables. The tables also provide the permitted load on the boom extension (the weight of the hook block) when telescoping the main boom.
- The telescopic main boom sections must be locked when lifting loads on any boom extension that are greater than the loads in the rigging tables.
- Telescoping the main boom with a boom extension erected is monitored by the SLI.
- When telescoping the main boom with a boom extension erected, (1) the superstructure must not be slewed, and (2) fast speed must not be used for hoist, derricking gear and telescoping.
- Lowering the main boom into a horizontal position with any boom extension erected is possible only with a fully retracted main boom.

RATED LIFTING CAPACITIES IN POUNDS AT FIXED BOOM LENGTHS
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #1300																		
in Feet	42.3	57.5	57.6	57.8	57.9	58.0	72.6	72.8	73.0	73.2	73.3	73.4	73.5	73.6	73.8	87.9	88.3	88.7	89.1
Sect I	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	50%	100%	0%	0%	0%	50%
Sect II	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	50%	50%
Sect III	0%	0%	0%	50%	0%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	0%	50%	50%	50%
Sect IV	0%	0%	50%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	0%	0%	50%	50%	50%	0%
Sect V	0%	50%	0%	0%	0%	0%	100%	50%	0%	0%	0%	0%	0%	0%	0%	100%	50%	0%	0%
8	*300,000																		
9	236,000																		
10	217,000	102,000	120,000	167,000	199,000	198,000	80,000	102,000	97,000	120,000	93,000	167,000	88,000	186,000	83,000	77,000	102,000	120,000	143,000
12	199,000	100,000	120,000	165,500	185,000	184,000	74,400	98,400	90,200	117,500	93,000	161,500	88,000	173,000	83,000	72,200	99,200	120,000	143,000
15	173,000	97,000	120,000	164,000	165,000	164,000	66,000	93,000	80,000	114,000	93,000	154,000	88,000	154,000	83,000	65,000	95,000	120,000	143,000
20	142,000	83,000	114,000	137,000	136,000	136,000	57,000	78,000	67,000	96,000	83,000	131,000	88,000	132,000	83,000	56,000	81,000	106,000	125,000
25	117,000	73,000	98,000	114,000	113,000	115,000	49,000	68,000	58,000	83,000	72,000	114,000	88,000	112,000	83,000	48,000	71,000	93,000	110,000
30	92,000	66,000	86,000	96,000	95,000	94,050	43,400	59,000	51,000	73,000	63,000	96,000	86,000	95,050	83,000	42,200	62,000	83,000	95,000
35		59,000	76,000	80,850	79,650	78,250	38,800	53,000	45,000	65,000	56,000	81,300	77,000	79,250	77,600	37,600	55,000	75,000	80,650
40		54,000	69,000	68,950	67,750	66,350	35,200	48,000	41,000	59,000	50,000	69,400	67,950	67,350	65,550	33,800	50,000	68,000	68,750
45		51,000	60,600	59,650	58,400	56,700	31,800	43,400	37,200	53,000	45,000	60,100	58,650	57,900	55,950	30,400	45,000	61,750	59,450
50							29,200	40,000	34,000	49,000	41,200	52,650	50,900	50,200	48,250	27,800	41,200	54,300	51,850
55							27,200	37,000	31,000	45,000	38,200	46,300	44,550	43,850	41,900	25,800	38,000	48,200	45,550
60																23,800	35,000	43,000	40,200
65																22,200	32,200	38,400	35,600
70																20,800	30,000	34,200	31,200
75																			27,400

Radius	Main Boom Length in Feet - SLI code #1300																
in Feet	103.3	103.9	104.5	118.8	119.0	119.6	134.3	134.7	135.3	149.9	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	0%	0%	50%	0%	0%	50%	0%	50%	100%	0%	50%	100%	0%	100%	50%	100%	100%
Sect II	0%	50%	50%	0%	50%	50%	0%	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	0%	50%	50%	50%	50%	50%	100%	50%	50%	100%	50%	50%	100%	100%	100%	100%	100%
Sect IV	100%	50%	50%	100%	50%	50%	100%	50%	50%	100%	100%	50%	100%	50%	100%	100%	100%
Sect V	100%	50%	0%	100%	100%	50%	100%	100%	50%	100%	100%	50%	100%	50%	100%	50%	100%
15	55,000	98,000	110,000														
20	47,000	86,000	108,000	48,000	61,000	84,000	41,800	57,000	62,000	36,400	41,800	45,000					
25	41,000	77,000	98,000	43,200	56,000	78,000	40,000	56,000	62,000	36,400	41,800	45,000	29,800	35,200			
30	36,200	68,000	90,000	38,800	50,000	72,000	36,000	52,000	61,000	36,200	40,800	45,000	29,800	35,200	24,200	25,600	22,000
35	31,800	61,000	82,000	35,000	45,000	66,000	32,200	48,000	56,000	33,400	38,000	45,000	29,800	35,200	24,200	25,600	22,000
40	28,400	56,000	70,250	31,000	41,600	60,000	28,800	44,000	51,000	30,200	35,600	45,000	29,800	35,200	24,200	25,600	22,000
45	25,800	51,000	60,950	28,400	38,400	56,000	26,200	41,000	47,000	27,800	32,600	41,400	28,200	35,200	24,200	25,600	22,000
50	23,600	47,000	53,550	26,200	35,600	52,000	23,800	38,200	42,600	25,600	30,200	38,400	26,400	34,800	24,200	25,600	22,000
55	21,800	43,400	47,000	24,200	32,800	48,000	22,000	35,800	39,200	23,600	28,200	35,600	24,600	32,400	24,200	25,600	22,000
60	20,000	40,400	41,800	22,400	30,400	42,400	20,200	33,600	35,800	21,800	26,400	32,800	23,000	29,800	23,800	25,600	22,000
65	18,600	37,600	37,200	21,000	28,400	38,000	18,600	31,200	32,600	20,400	24,800	29,800	21,600	27,800	22,400	25,600	22,000
70	17,400	35,400	32,800	19,600	26,800	34,200	17,400	29,400	30,200	19,000	23,400	27,400	20,200	25,800	21,200	24,400	21,600
75	16,000	32,200	29,200	18,200	25,400	31,000	15,800	27,800	28,000	17,800	22,200	25,400	19,000	24,000	20,000	23,000	20,600
80	14,400	29,000	26,000	17,000	24,000	27,800	14,200	26,400	26,200	16,400	21,000	23,800	17,800	22,200	19,000	21,400	19,600
85	13,600	26,400	23,200	15,200	22,800	25,000	13,200	25,200	23,800	14,800	19,800	22,000	16,800	20,800	18,000	20,000	18,600
90	12,800	23,800	20,800	14,400	21,800	22,400	12,400	24,000	21,400	14,000	19,000	20,800	15,800	19,400	16,800	18,800	17,800
95				13,600	21,000	20,400	11,800	21,800	19,200	13,200	18,000	19,000	14,600	18,200	15,600	17,600	17,000
100				12,800	20,000	18,400	11,000	19,800	17,200	12,400	17,000	17,200	13,600	17,000	14,600	16,400	16,000
105							10,400	18,000	15,600	11,800	15,800	15,400	12,800	15,600	13,800	15,000	14,800
110							9,800	16,600	14,000	11,200	14,800	14,000	12,200	14,200	13,200	13,800	13,600
115							9,200	15,200	12,600	10,600	14,000	12,600	11,600	13,000	12,600	12,800	12,800
120										10,000	13,400	11,200	11,000	11,600	12,000	12,000	12,000
125										9,600	12,800	10,200	10,400	10,400	11,600	11,200	11,400
130										9,200	12,400	9,000	9,800	9,400	11,000	10,200	10,800
135										8,800	11,400	8,200	9,400	8,400	10,400	9,200	10,000
140													8,800	7,600	10,000	8,400	9,200
145													8,400	6,800	9,400	7,600	8,400
150													8,000	6,000	8,600	6,800	7,600
155															7,800	6,000	6,800
160															7,200	5,400	6,200
165																	5,600
170																	5,000
175																	4,400
180																	3,800

* Special equipment required to lift this capacity

80020661A

RATED LIFTING CAPACITIES IN POUNDS AT INTERMEDIATE BOOM LENGTHS
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1300**												
in Feet	42.3-58.0	58.0-73.8	42.3-57.9	57.9-73.6	57.9-73.5	42.3-57.8	57.8-73.4	73.4-89.1	57.8-73.3	42.3-57.5	57.5-72.6	72.6-87.9	87.9-103.3
I	0-50%	50-100%	0%	0-50%	00%	0%	0%	0-50%	0%	0%	0%	0%	0%
II	0%	0%	0-50%	50%	50-100%	0%	0-50%	50%	0%	0%	0%	0%	0%
III	0%	0%	0%	0%	0%	0-50%	50%	50%	50-100%	0%	0%	0%	0%
IV	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0-50%	50-100%
V	0%	0%	0%	0%	0%	0%	0%	0%	0%	0-50%	50-100%	100%	100%
10	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	88,000	57,000	77,000	61,000
12	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	88,000	57,000	72,200	57,800
15	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	88,000	57,000	65,000	53,000
20	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	83,000	56,000	55,000	45,000
25	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	73,000	49,000	48,000	39,600
30	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	66,000	43,000	42,000	34,800
35	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	54,000	59,000	38,800	37,600	30,600
40	66,350	62,000	67,750	67,350	60,000	68,950	68,950	68,000	50,000	54,000	35,200	33,800	27,400
45	56,700	55,950	58,400	57,900	58,400	59,000	59,650	59,450	45,000	50,000	31,800	30,200	25,000
50		48,250		50,200	50,900		52,650	51,850	41,200		29,000	27,600	22,800
55		41,900		43,850	44,550		46,300	45,550	38,000		27,200	25,600	20,800
60								40,200				23,800	19,400
65								35,400				22,200	18,000
70								31,000				20,800	16,600
75								27,400					15,200
80													13,800
85													13,000
90													12,400
95													
100													

80020664-1

(Section 1 of 4)

RATED LIFTING CAPACITIES IN POUNDS AT INTERMEDIATE BOOM LENGTHS (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius in Feet	Main Boom Length in Feet - SLI code **#1300**											
	103.3-118.8	118.8-134.3	134.3-149.9	149.9-165.5	165.5-181.1	181.1-196.9	57.5-72.8	72.8-88.1	88.1-103.6	103.6-119.1	119.1-134.7	134.7-150.3
I II III IV V	0% 0% 0-50% 100% 100%	0% 0% 50-100% 100% 100%	0% 0-50% 100% 100% 100%	0% 50-100% 100% 100% 100%	0-50% 100% 100% 100% 100%	50-100% 100% 100% 100% 100%	0% 0% 0% 0-50% 50%	0% 0% 0% 50-100% 50%	0% 0% 0-50% 100% 50%	0% 0% 50-100% 100% 50%	0% 0-50% 100% 100% 50%	0% 50-100% 100% 100% 50%
10							84,000	58,000	77,000			
12							84,000	58,000	73,000			
15	54,000						84,000	58,000	66,650	49,000		
20	47,000	37,000	36,400	27,400			78,000	53,000	56,400	48,000	48,000	33,200
25	41,000	36,400	36,400	27,400	25,400		68,000	46,000	48,700	43,200	43,200	33,200
30	36,000	34,600	36,000	27,400	24,200	19,400	59,000	40,400	42,700	38,000	38,000	33,200
35	31,800	30,800	32,000	27,400	24,200	19,400	53,000	36,000	37,900	34,200	34,200	33,200
40	28,400	27,800	28,800	27,400	24,200	19,400	47,000	31,800	34,000	29,800	29,800	32,800
45	25,600	25,200	26,200	27,200	24,200	19,200	43,400	28,800	30,800	27,200	27,200	30,400
50	23,600	23,000	23,800	25,400	24,200	19,200	39,800	26,400	28,050	24,800	24,800	28,000
55	21,600	21,200	21,800	23,400	24,200	19,000	37,000	24,400	25,750	22,400	22,400	25,800
60	19,800	19,400	20,200	21,800	22,800	19,000		22,400	23,750	20,800	20,800	23,800
65	18,400	18,000	18,600	20,400	21,400	18,600		21,000	22,000	19,400	19,400	22,200
70	17,200	16,600	17,200	19,000	20,000	18,200		19,600	20,450	18,000	18,000	20,600
75	15,800	15,200	15,600	17,600	18,800	18,000			19,150	16,400	16,400	19,400
80	14,400	13,600	14,000	16,400	17,800	17,800			18,600	14,600	14,600	18,000
85	13,400	12,800	13,200	14,600	16,800	17,600			17,400	13,800	13,800	17,000
90	12,800	12,000	12,400	13,800	15,600	16,600			16,400	12,600	12,600	15,600
95	12,600	11,400	11,600	13,000	14,400	15,600				12,000	12,000	14,400
100	12,600	10,600	10,800	12,200	13,400	14,400				11,200	11,200	13,400
105		10,000	10,400	11,600	12,800	13,400					10,400	12,800
110		9,400	9,800	11,200	12,000	12,800					10,200	12,000
115		8,800	9,200	10,400	11,600	12,000					10,200	11,600
120			8,800	10,000	10,800	11,400						10,800
125			8,800	9,400	10,200	10,600						10,200
130			8,800	9,200	9,600	10,000						9,600
135			8,600	8,600	9,200	9,400						9,200
140				8,400	8,600	8,800						
145				8,000	8,200	8,400						
150				7,800	7,800	7,600						
155					7,600	6,800						
160					7,200	6,200						
165						5,600						
170						5,000						
175						4,400						
180						3,800						

80020664-2

(Section 2 of 4)

RATED LIFTING CAPACITIES IN POUNDS AT INTERMEDIATE BOOM LENGTHS (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1300**											
in Feet	150.3-166.0	166.0-181.7	72.8-88.3	88.3-103.8	103.8-119.4	119.4-135.0	135.0-150.7	150.7-166.4	42.3-57.6	57.6-73.0	57.6-73.2	73.2-88.7
I	0-50%	50-100%	0%	0%	0%	0%	0-50%	50-100%	0%	0%	0%	0%
II	100%	100%	0%	0%	0-50%	50-100%	100%	100%	0%	0%	0%	0-50%
III	100%	100%	0-50%	50-100%	100%	100%	100%	100%	0%	0%	0-50%	50%
IV	100%	100%	50%	50%	50%	50%	50%	50%	0-50%	50-100%	50%	50%
V	50%	50%	50%	50%	50%	50%	50%	50%	0%	0%	0%	0%
10			77,000	54,000					85,000	58,000	78,000	73,000
12			77,000	54,000					85,000	58,000	78,000	73,000
15			77,000	54,000	66,000				85,000	58,000	78,000	73,000
20	33,200		77,000	54,000	57,000	43,800	43,800	30,400	85,000	58,000	78,000	73,000
25	33,200	24,200	68,000	49,000	49,000	43,600	43,600	30,400	85,000	57,000	78,000	73,000
30	33,200	23,800	59,000	43,200	43,200	43,400	43,400	30,000	84,000	51,000	73,000	72,000
35	33,200	23,800	53,000	38,600	38,600	42,600	42,800	29,800	76,000	45,000	65,000	65,000
40	33,000	23,600	47,000	34,400	34,400	39,200	39,800	29,400	69,000	40,800	58,000	58,000
45	31,800	23,400	43,400	30,600	30,600	35,800	36,000	28,800	59,000	37,000	53,000	53,000
50	29,400	23,400	39,800	28,000	28,000	32,600	33,000	28,400		33,800	49,000	49,000
55	27,400	23,000	37,000	25,800	25,800	29,800	29,800	27,800		30,800	45,000	45,000
60	25,400	22,600	34,400	23,800	23,800	27,400	27,400	27,200				42,000
65	23,600	22,200	32,000	22,000	22,000	25,200	25,200	26,200				38,400
70	21,800	22,000	30,000	20,200	20,200	23,400	23,400	24,400				34,200
75	20,200	21,600		19,000	19,000	21,600	21,600	22,600				
80	19,000	21,000		17,800	17,800	20,200	20,200	21,000				
85	17,600	19,600		16,800	16,800	18,800	18,800	19,600				
90	16,200	18,200		15,000	15,000	17,400	17,400	18,400				
95	14,800	17,200			13,400	16,000	16,000	17,200				
100	13,600	15,800			13,400	14,800	14,800	16,000				
105	13,000	14,600				13,800	13,800	14,600				
110	12,200	13,200				13,000	13,000	13,400				
115	11,600	12,200				12,200	12,200	12,400				
120	10,800	11,600					11,800	11,600				
125	10,200	10,800					10,300	10,400				
130	9,600	10,200					10,300	9,400				
135	9,200	9,200					9,600	8,400				
140	8,620	8,400						7,600				
145	8,400	7,600						6,800				
150	7,600	6,800						6,000				
155		6,000										
160		5,400										

80020664-3

(Section 3 of 4)

RATED LIFTING CAPACITIES IN POUNDS AT INTERMEDIATE BOOM LENGTHS (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1300**											
in Feet	88.7-104.5	118.8-134.4	134.4-150.1	87.9-103.4	103.4-119.0	119.0-134.7	88.3-103.9	103.9-119.5	119.5-135.2	135.2-150.9	103.9-119.6	119.6-135.3
I	0-50%	0%	0-50%	0%	0%	0-50%	0%	0%	0-50%	50-100%	0-50%	50-100%
II	50%	0-50%	50%	0%	0-50%	50%	0-50%	50-100%	100%	100%	50%	50%
III	50%	50%	50%	0-50%	50%	50%	50%	50%	50%	50%	50%	50%
IV	50%	100%	100%	50%	50%	50%	50%	50%	50%	50%	50%	50%
V	0%	100%	100%	100%	100%	100%	50%	50%	50%	50%	50%	50%
10	68,000			77,000			73,000					
12	68,000			72,200			73,000					
15	68,000			65,000	68,000		73,000	60,000			68,000	
20	68,000	48,000	41,800	55,000	61,000	57,000	73,000	60,000	60,000	37,800	68,000	50,000
25	68,000	43,000	41,800	48,000	54,200	55,000	70,000	59,000	59,000	37,400	68,000	49,000
30	68,000	38,600	40,400	42,000	48,300	50,000	62,000	56,000	56,000	37,000	68,000	48,000
35	68,000	34,800	37,000	37,600	43,450	45,000	55,000	49,000	49,000	36,200	61,000	46,000
40	67,000	31,000	33,800	33,800	39,500	41,400	50,000	44,000	44,000	35,600	56,000	45,000
45	60,950	28,200	30,600	30,200	36,100	38,200	45,000	40,000	40,000	34,600	51,000	43,600
50	53,550	26,000	28,400	27,600	33,250	35,400	41,200	36,600	36,600	33,800	47,000	40,400
55	47,000	24,200	26,200	25,600	30,800	32,800	38,000	33,400	33,400	32,800	43,400	37,000
60	41,800	22,400	24,600	23,800	28,650	30,200	34,800	30,400	30,400	30,400	40,200	34,200
65	37,200	20,800	23,000	22,200	26,800	28,400	32,000	28,000	28,000	28,000	37,600	31,000
70	32,800	19,400	21,600	20,800	25,150	26,800	30,000	26,000	26,000	26,000	34,200	28,800
75	29,200	18,200	20,200	19,600	23,650	25,400	28,200	24,200	24,200	24,200	31,000	26,800
80	26,000	17,000	19,000	18,800	22,350	24,000	26,800	22,600	22,600	22,400	27,800	25,000
85	23,200	15,200	17,800	18,800	21,200	22,800	26,400	21,200	21,200	21,000	25,000	23,200
90	20,800	14,200	16,800		20,150	21,600	23,800	20,000	20,000	19,600	22,400	21,400
95		13,400	15,600		14,650	20,800		18,800	18,800	18,400	20,400	19,200
100		12,800	14,400		14,650	19,800		17,800	17,800	17,200	18,400	17,200
105		12,000	13,600			18,000			16,600	15,400		15,600
110		12,000	13,000			16,600			12,450	14,000		14,000
115		12,000	12,400			15,200			12,450	12,600		12,600
120			12,000							11,200		
125			11,250							9,740		
130			11,250							9,000		
135			11,250							8,200		

80020664-4

(Section 4 of 4)

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (EXTENDING)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1300**												
in Feet	42.3-58.0	58.0-73.8	42.3-57.9	57.9-73.6	57.9-73.5	42.3-57.8	57.8-73.4	73.4-89.1	57.8-73.3	42.3-57.5	57.5-72.6	72.6-87.9	87.9-103.3
I	0-50%	50-100%	0%	0-50%	00%	0%	0%	0-50%	0%	0%	0%	0%	0%
II	0%	0%	0-50%	50%	50-100%	0%	0-50%	50%	0%	0%	0%	0%	0%
III	0%	0%	0%	0%	0%	0-50%	50%	50%	50-100%	0%	0%	0%	0%
IV	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0-50%	50-100%
V	0%	0%	0%	0%	0%	0%	0%	0%	0%	0-50%	50-100%	100%	100%
10	53,000	33,600	57,000	50,000	33,400	63,000	55,000	50,000	28,400	69,000	32,600	63,000	28,200
12	52,600	32,150	57,000	50,000	31,800	62,200	54,600	49,200	27,600	69,000	30,900	61,400	27,200
15	52,000	30,000	57,000	50,000	29,400	61,000	54,000	48,000	26,400	69,000	28,400	59,000	25,800
20	52,000	26,800	57,000	49,000	26,800	61,000	53,000	44,000	24,600	69,000	26,600	53,000	23,600
25	52,000	24,800	57,000	48,000	24,800	61,000	52,000	43,000	23,200	68,000	25,400	46,000	22,000
30	52,000	23,400	57,000	48,000	23,600	61,000	52,000	42,000	22,000	62,000	24,200	40,000	20,600
35	52,000	22,200	57,000	48,000	22,400	61,000	52,000	41,600	21,000	56,000	23,400	35,800	19,000
40	52,000	21,400	57,000	48,000	21,800	61,000	52,000	41,200	20,200	52,000	22,600	32,200	18,000
45	52,000	20,600	56,000	48,000	21,000	56,000	52,000	40,800	19,600	48,000	21,800	28,800	16,800
50		20,200		48,000	20,600		52,000	40,800	19,200		21,400	26,400	15,400
55		19,800		41,600	20,400		44,000	40,800	19,000		21,200	24,400	13,200
60								37,000				22,600	12,800
65								32,200				21,200	12,400
70								28,200				19,800	11,800
75								25,000					11,400
80													11,000
85													10,800
90													10,600

80021544-1

(Section 1 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (EXTENDING) (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1300**											
in Feet	103.3-118.8	118.8-134.3	134.3-149.9	149.9-165.5	165.5-181.1	181.1-196.9	57.5-72.8	72.8-88.1	88.1-103.6	103.6-119.1	119.1-134.7	134.7-150.3
I	0%	0%	0%	0%	0-50%	50-100%	0%	0%	0%	0%	0%	0%
II	0%	0%	0-50%	50-100%	100%	100%	0%	0%	0%	0%	0-50%	50-100%
III	0-50%	50-100%	100%	100%	100%	100%	0%	0%	0-50%	50-100%	100%	100%
IV	100%	100%	100%	100%	100%	100%	0-50%	50-100%	100%	100%	100%	100%
V	100%	100%	100%	100%	100%	100%	50%	50%	50%	50%	50%	50%
10							65,000	31,600	57,000			
12							63,800	29,750	56,200			
15	52,000						62,000	27,000	55,000	22,600		
20	45,000	20,200	36,400	20,600			60,000	25,000	53,000	20,600	46,000	21,000
25	39,000	18,200	36,400	18,600	24,200		59,000	23,400	48,700	18,800	41,200	18,800
30	34,200	16,600	34,400	16,800	24,200	15,400	57,000	22,000	42,700	17,000	36,200	17,000
35	30,200	14,000	30,400	14,000	24,200	12,200	51,000	20,600	37,900	14,400	32,600	14,200
40	27,000	12,400	27,400	12,200	24,200	11,000	45,000	19,600	34,000	12,600	28,400	12,200
45	24,400	11,400	25,000	11,200	24,200	9,800	41,200	18,600	30,400	11,800	25,800	11,200
50	22,400	10,600	22,600	10,200	24,200	9,000	37,800	17,800	27,800	11,000	23,600	10,200
55	20,600	10,000	20,800	9,400	23,400	8,000	35,200	17,000	25,600	10,400	21,400	9,400
60	19,000	9,400	19,200	8,600	21,800	7,400		16,200	23,600	9,800	19,800	8,800
65	17,600	8,600	17,600	8,000	20,400	6,400		16,000	21,800	9,400	18,400	8,000
70	16,400	8,200	16,400	7,600	19,200	5,800		13,800	20,400	8,600	17,200	7,400
75	15,200	7,800	15,000	6,800	18,000	5,400			18,800	8,000	15,600	7,000
80	13,600	7,400	13,400	6,400	17,000	4,800			17,600	7,800	14,000	6,400
85	12,800	6,800	12,600	6,000	16,000	4,200			16,600	7,200	13,000	5,800
90	12,200	6,600	11,800	5,600	14,800	3,800			15,600	7,200	12,000	5,600
95	12,000	6,200	11,000	5,000	13,800	3,600				6,600	11,400	5,000
100	12,000	6,000	10,400	4,800	12,800	3,000				6,600	10,800	4,800
105		5,600	10,000	4,400	12,200	2,600					10,000	4,600
110		5,600	9,200	4,000	11,400						9,800	4,000
115		5,000	8,800	3,800	11,000						9,800	4,000
120			8,400	3,400	10,400							3,600
125			8,400	3,200	9,600							3,400
130			8,400	3,000	9,200							3,000
135			8,200	2,800	8,800							3,000
140				2,600	8,200							
145				2,400	7,800							
150				2,200	7,400							
155					7,200							
160					6,600							

80021544-2

(Section 2 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (EXTENDING) (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1300**											
in Feet	150.3-166.0	166.0-181.7	72.8-88.3	88.3-103.8	103.8-119.4	119.4-135.0	135.0-150.7	150.7-166.4	42.3-57.6	57.6-73.0	57.6-73.2	73.2-88.7
I	0-50%	50-100%	0%	0%	0%	0%	0-50%	50-100%	0%	0%	0%	0%
II	100%	100%	0%	0%	0-50%	50-100%	100%	100%	0%	0%	0%	0-50%
III	100%	100%	0-50%	50-100%	100%	100%	100%	100%	0%	0%	0-50%	50%
IV	100%	100%	50%	50%	50%	50%	50%	50%	0-50%	50-100%	50%	50%
V	50%	50%	50%	50%	50%	50%	50%	50%	0%	0%	0%	0%
10			58,000	25,600					67,000	33,200	59,000	54,000
12			57,200	24,700					66,600	31,800	58,600	53,200
15			56,000	23,400	51,000				66,000	29,800	58,000	52,000
20	31,600		55,000	21,400	49,000	21,200	41,600	19,800	66,000	27,000	57,000	51,000
25	31,600	17,800	53,000	19,600	46,000	19,400	39,800	18,000	66,000	25,400	56,000	50,000
30	31,600	15,400	53,000	18,200	41,200	17,600	38,200	15,600	66,000	24,200	56,000	49,000
35	31,600	12,400	50,000	16,800	36,600	14,600	36,800	12,400	66,000	23,200	55,000	48,000
40	31,400	11,000	45,000	15,400	32,800	12,800	35,600	11,200	66,000	22,600	55,000	47,000
45	30,200	10,000	41,200	12,600	29,200	11,800	34,200	10,200	56,000	21,800	51,000	47,000
50	28,000	8,800	37,800	12,000	26,800	10,800	31,400	9,200		21,400	46,000	44,000
55	26,000	8,000	35,200	11,400	24,600	10,200	28,400	8,000		21,000	42,600	42,600
60	24,200	7,200	32,800	10,800	22,600	9,200	26,000	7,400				40,000
65	22,400	6,200	30,600	10,400	21,000	8,600	24,000	6,600				35,200
70	20,800	6,000	28,600	10,000	19,400	8,000	22,400	5,800				31,200
75	19,400	5,200		9,800	18,200	7,400	20,600	5,200				
80	18,000	4,600		9,200	17,000	7,000	19,200	4,800				
85	16,800	4,000		9,200	16,000	6,400	18,000	4,000				
90	15,400	3,600		8,800	14,200	6,000	16,600	3,800				
95	14,200	3,000			12,800	5,600	15,200	3,200				
100	13,000	2,800			12,800	5,200	14,000	3,000				
105	12,400	2,200				4,800	13,200	2,400				
110	11,600					4,800	12,400					
115	11,000					4,800	11,600					
120	10,400						11,200					
125	9,600						10,300					
130	9,200						9,600					
135	8,800						8,600					
140	8,400											
145	7,600											
150	7,000											

80021544-3

(Section 3 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (EXTENDING) (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1300**											
in Feet	88.7-104.5	118.8-134.4	134.4-150.1	87.9-103.4	103.4-119.0	119.0-134.7	88.3-103.9	103.9-119.5	119.5-135.2	135.2-150.9	103.9-119.6	119.6-135.3
I II III IV V	0-50% 50% 50% 50% 0%	0% 0-50% 50% 100% 100%	0-50% 50% 50% 100% 100%	0% 0% 0-50% 50% 100%	0% 0-50% 50% 50% 100%	0-50% 50% 50% 50% 100%	0% 0-50% 50% 50% 50%	0% 50-100% 50% 50% 50%	0-50% 100% 50% 50% 50%	50-100% 100% 50% 50% 50%	0-50% 50% 50% 50% 50%	50-100% 50% 50% 50% 50%
10	51,000			57,000			54,000					
12	49,000			56,200			53,200					
15	46,000			55,000	51,000		52,000	24,400			45,000	
20	43,200	46,000	41,800	53,000	49,000	42,400	50,000	22,400	41,800	20,800	42,800	21,600
25	42,000	41,000	40,400	46,000	47,000	40,600	48,000	20,200	40,200	18,400	41,400	19,200
30	41,000	36,600	38,400	40,000	43,800	39,600	47,000	18,600	39,200	16,200	39,800	17,400
35	40,000	33,200	35,200	35,800	42,600	38,200	43,600	17,000	37,600	12,800	38,800	14,400
40	39,000	29,400	32,200	32,200	39,400	37,000	42,800	15,400	36,200	11,600	37,800	12,600
45	38,200	26,800	29,200	28,800	36,100	36,000	42,000	12,600	35,400	10,400	36,800	11,400
50	37,800	24,800	27,000	26,400	33,250	33,800	39,200	11,800	34,200	9,400	35,800	10,400
55	37,200	23,000	25,000	24,400	30,800	31,200	36,200	11,000	31,200	8,800	35,200	9,600
60	37,000	21,200	23,400	22,600	28,650	28,800	33,200	10,200	28,800	7,600	34,800	8,800
65	34,000	19,800	21,800	21,200	26,800	27,200	30,600	9,600	26,800	7,000	34,200	8,000
70	30,000	18,400	20,600	19,800	25,150	25,600	28,600	9,200	24,800	6,400	31,600	7,600
75	26,600	17,200	19,400	18,600	23,650	24,200	26,800	8,800	23,000	5,800	28,200	6,800
80	23,600	16,200	18,000	17,800	22,350	22,800	25,600	8,200	21,400	5,200	25,200	6,400
85	21,200	14,400	17,000	17,800	21,200	21,600	24,000	8,000	20,200	4,600	22,600	6,000
90	19,000	13,400	16,000		20,150	20,600	21,800	7,400	19,200	4,200	20,400	5,600
95		12,800	14,800		14,650	19,800		7,200	17,800	4,000	18,400	5,000
100		12,200	13,600		14,650	18,000		6,800	16,600	3,400	16,800	4,800
105		11,400	13,000			16,400			15,000	3,000		4,400
110		11,400	12,400			15,000			12,450	2,800		4,200
115		11,400	11,800			13,800			12,400	2,400		4,000
120			11,400							2,200		
125			11,250									
130			11,200									
135			10,400									

80021544-4

(Section 4 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (RETRACTING)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius in Feet	Main Boom Length in Feet - SLI code **#1300**												
	42.3-58.0	58.0-73.8	42.3-57.9	57.9-73.6	57.9-73.5	42.3-57.8	57.8-73.4	73.4-89.1	57.8-73.3	42.3-57.5	57.5-72.6	72.6-87.9	87.9-103.3
I II III IV V	0-50% 0% 0% 0% 0%	50-100% 0% 0% 0% 0%	0% 0-50% 0% 0% 0%	0-50% 50% 0% 0% 0%	00% 50-100% 0% 0% 0%	0% 0% 0-50% 0% 0%	0% 0-50% 50% 0% 0%	0-50% 50% 50% 0% 0%	0% 0% 50-100% 0% 0%	0% 0% 0% 0% 0-50%	0% 0% 0% 0% 50-100%	0% 0% 0% 0-50% 100%	0% 0% 0% 50-100% 100%
10	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	84,000	54,000	74,000	58,000
12	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	84,000	54,000	69,200	54,800
15	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	84,000	54,000	62,000	50,000
20	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	79,000	54,000	53,000	43,200
25	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	70,000	47,000	46,000	37,600
30	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	62,000	41,000	40,000	33,000
35	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	56,000	37,000	35,800	29,200
40	66,000	59,000	67,000	65,000	57,000	68,000	68,950	65,000	48,000	52,000	33,600	32,200	26,200
45	55,000	54,000	56,000	57,900	54,000	56,000	59,650	59,000	42,800	48,000	30,200	28,800	23,800
50		42,200		49,000	43,600		52,000	50,000	39,000		27,600	26,400	21,800
55		32,000		41,600	32,400		44,000	43,000	32,600		25,800	24,400	19,800
60								37,000				22,600	18,400
65								32,200				21,200	17,200
70								28,200				19,800	15,800
75								25,000					14,400
80													13,200
85													11,800
90													9,400

80021545-1

(Section 1 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (RETRACTING) (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1300**											
in Feet	103.3-118.8	118.8-134.3	134.3-149.9	149.9-165.5	165.5-181.1	181.1-196.9	57.5-72.8	72.8-88.1	88.1-103.6	103.6-119.1	119.1-134.7	134.7-150.3
I II III IV V	0% 0% 0-50% 100% 100%	0% 0% 50-100% 100% 100%	0% 0-50% 100% 100% 100%	0% 50-100% 100% 100% 100%	0-50% 100% 100% 100% 100%	50-100% 100% 100% 100% 100%	0% 0% 0% 0-50% 50%	0% 0% 0% 50-100% 50%	0% 0% 0-50% 100% 50%	0% 0% 50-100% 100% 50%	0% 0-50% 100% 100% 50%	0% 50-100% 100% 100% 50%
10							80,000	55,000	73,000			
12							80,000	55,000	69,400			
15	52,000						80,000	55,000	64,000	47,000		
20	45,000	35,200	36,400	26,000			74,000	51,000	56,000	46,000	46,000	31,600
25	39,000	34,800	36,400	26,000	24,200		64,000	44,000	48,700	41,200	41,200	31,600
30	34,200	33,000	34,400	26,000	24,200	18,600	57,000	38,400	42,700	36,200	36,200	31,600
35	30,200	29,400	30,400	26,000	24,200	18,600	51,000	34,400	37,900	32,600	32,600	31,600
40	27,000	26,400	27,400	26,000	24,200	18,400	45,000	30,200	34,000	28,400	28,400	31,200
45	24,400	24,000	25,000	25,800	24,200	18,400	41,200	27,400	30,400	25,800	25,800	29,000
50	22,400	22,000	22,600	24,200	24,200	18,400	37,800	25,200	27,800	23,600	23,600	26,200
55	20,600	20,200	20,800	20,800	23,400	18,000	35,200	23,200	25,600	21,400	21,400	21,000
60	19,000	18,200	19,200	16,600	21,800	15,600		21,400	23,600	19,400	19,800	16,800
65	17,600	15,800	17,600	15,400	20,400	14,800		20,000	21,800	16,000	18,400	15,600
70	16,400	15,400	16,400	14,200	19,200	11,600		16,800	20,400	15,600	17,200	14,000
75	15,200	13,800	15,000	11,200	18,000	8,600			18,800	14,000	15,600	10,800
80	13,600	11,200	13,400	9,000	17,000	6,600			17,600	11,200	14,000	8,400
85	12,800	9,200	12,600	7,000	16,000	4,800			16,600	9,000	13,000	6,400
90	12,200	7,600	11,800	5,600	14,800	3,200			15,600	7,200	12,000	5,000
95	12,000	6,200	11,000	4,200	13,800					5,800	11,400	3,600
100	12,000	5,000	10,400	3,200	12,800					4,400	10,800	2,400
105		4,000	10,000	2,200	12,200						10,000	
110		3,000	9,200		11,400						9,800	
115		2,200	8,800		11,000						9,800	
120			8,400		10,400							
125			8,400		9,600							
130			8,400		9,200							
135			8,200		8,800							
140					8,200							
145					7,800							
150					7,400							
155					7,200							
160					6,600							

80021545-2

(Section 2 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (RETRACTING) (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1300**											
in Feet	150.3-166.0	166.0-181.7	72.8-88.3	88.3-103.8	103.8-119.4	119.4-135.0	135.0-150.7	150.7-166.4	42.3-57.6	57.6-73.0	57.6-73.2	73.2-88.7
I	0-50%	50-100%	0%	0%	0%	0%	0-50%	50-100%	0%	0%	0%	0%
II	100%	100%	0%	0%	0-50%	50-100%	100%	100%	0%	0%	0%	0-50%
III	100%	100%	0-50%	50-100%	100%	100%	100%	100%	0%	0%	0-50%	50%
IV	100%	100%	50%	50%	50%	50%	50%	50%	0-50%	50-100%	50%	50%
V	50%	50%	50%	50%	50%	50%	50%	50%	0%	0%	0%	0%
10			74,000	52,000					81,000	56,000	74,000	69,000
12			74,000	52,000					81,000	56,000	74,000	69,000
15			74,000	52,000	63,000				81,000	56,000	74,000	69,000
20	31,600		73,000	52,000	54,000	41,600	41,600	28,800	81,000	56,000	74,000	69,000
25	31,600	23,000	64,000	47,000	47,000	41,400	41,400	28,800	81,000	54,000	74,000	69,000
30	31,600	22,800	57,000	41,200	41,200	41,400	41,400	28,600	80,000	49,000	70,000	69,000
35	31,600	22,800	51,000	36,600	36,600	40,600	40,800	28,200	73,000	43,000	62,000	62,000
40	31,400	22,400	45,000	32,800	32,800	37,200	38,000	28,000	66,000	38,800	56,000	56,000
45	30,200	22,400	41,200	29,200	29,200	32,600	34,400	27,400	56,000	35,200	51,000	51,000
50	28,000	22,000	37,800	26,800	26,800	29,200	31,400	24,800		32,200	46,000	46,000
55	26,000	18,200	35,200	24,600	24,600	22,400	28,400	18,600		29,200	42,600	42,600
60	24,200	15,600	32,800	22,000	22,600	17,400	26,000	15,600				40,000
65	22,400	14,400	30,600	17,600	21,000	15,600	24,000	14,400				35,200
70	20,800	11,000	28,600	15,400	19,400	14,800	22,400	10,800				31,200
75	19,400	8,000		15,200	18,200	11,400	20,600	7,600				
80	18,000	5,600		12,200	17,000	8,600	19,200	5,200				
85	16,800	3,800		9,600	16,000	6,600	18,000	3,400				
90	15,400	2,200		7,200	14,200	5,000	16,600					
95	14,200				12,800	3,600	15,200					
100	13,000				12,800	2,400	14,000					
105	12,400						13,200					
110	11,600						12,400					
115	11,000						11,600					
120	10,400						11,200					
125	9,600						10,300					
130	9,200						9,600					
135	8,800						8,600					
140	8,400											
145	7,600											
150	7,000											

80021545-3

(Section 3 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (RETRACTING) (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1300**											
in Feet	88.7-104.5	118.8-134.4	134.4-150.1	87.9-103.4	103.4-119.0	119.0-134.7	88.3-103.9	103.9-119.5	119.5-135.2	135.2-150.9	103.9-119.6	119.6-135.3
I II III IV V	0-50% 50% 50% 50% 0%	0% 0-50% 50% 100% 100%	0-50% 50% 50% 100% 100%	0% 0% 0-50% 50% 100%	0% 0-50% 50% 50% 100%	0-50% 50% 50% 50% 100%	0% 0-50% 50% 50% 50%	0% 50-100% 50% 50% 50%	0-50% 100% 50% 50% 50%	50-100% 100% 50% 50% 50%	0-50% 50% 50% 50% 50%	50-100% 50% 50% 50% 50%
10	65,000			73,000			69,000					
12	65,000			68,600			69,000					
15	65,000			62,000	65,000		69,000	57,000			65,000	
20	65,000	46,000	41,800	53,000	58,000	57,000	69,000	57,000	57,000	36,000	65,000	47,000
25	65,000	41,000	41,200	46,000	53,000	53,000	67,000	56,000	56,000	35,600	65,000	47,000
30	65,000	36,600	38,400	40,000	48,000	48,000	59,000	53,000	53,000	35,200	64,000	46,000
35	65,000	33,200	35,200	35,800	43,200	43,200	53,000	47,000	47,000	34,600	58,000	44,000
40	64,000	29,400	32,200	32,200	39,400	39,400	47,000	42,200	42,200	33,800	53,000	42,800
45	59,000	26,800	29,200	28,800	36,100	36,400	42,600	37,000	38,200	31,800	49,000	35,400
50	52,000	24,800	27,000	26,400	33,250	33,800	39,200	30,800	34,800	26,650	44,000	30,200
55	45,000	23,000	25,000	24,400	30,800	31,200	36,200	25,600	31,800	19,800	41,200	23,000
60	39,000	21,200	23,400	22,600	28,650	28,800	33,200	20,000	28,800	15,600	38,200	17,600
65	34,000	19,800	21,800	21,200	26,800	27,200	30,600	15,800	26,800	15,200	35,800	15,400
70	30,000	18,400	20,600	19,800	25,150	25,600	28,600	15,400	24,800	11,600	31,600	14,400
75	26,600	17,200	19,400	18,600	23,650	24,200	26,800	13,400	23,000	8,200	28,200	10,600
80	23,600	16,200	18,000	17,800	22,350	22,800	25,600	10,200	21,400	5,800	25,200	8,000
85	21,200	14,400	17,000	17,800	21,200	21,600	24,000	7,800	20,200	3,800	22,600	5,600
90	19,000	13,400	16,000		20,150	20,600	21,800	6,000	19,200	2,200	20,400	3,800
95		12,800	14,800		14,650	19,800		4,200	17,800		18,400	2,200
100		12,200	13,600		14,650	18,000		2,600	16,600		16,800	
105		11,400	13,000			16,400			15,000			
110		11,400	12,400			15,000			12,450			
115		11,400	11,800			13,800			12,400			
120			11,400									
125			11,250									
130			11,200									
135			10,400									

80021545-4

(Section 4 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. MANUAL EXTENSION AT 0° FIXED OFFSET ANGLE
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3300									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
20	31,400	26,400	28,600							
25	31,400	26,400	28,600	20,600	24,200					
30	31,400	26,400	28,600	20,600	24,200	16,400	19,200	13,400	14,600	
35	31,400	26,400	28,600	20,600	24,200	16,400	19,200	13,400	14,600	11,600
40	31,200	26,400	28,600	20,600	24,200	16,400	19,200	13,400	14,600	11,600
45	30,400	26,400	28,400	20,600	24,200	16,400	19,200	13,400	14,600	11,600
50	29,600	25,000	28,000	20,600	24,200	16,400	19,200	13,400	14,600	11,600
55	28,800	23,600	27,400	20,000	24,200	16,400	19,200	13,400	14,600	11,600
60	28,000	22,200	26,800	19,000	24,200	16,400	19,200	13,400	14,600	11,600
65	26,600	21,000	26,400	18,000	24,200	16,400	19,200	13,400	14,600	11,600
70	25,400	19,800	25,600	16,800	23,600	15,600	19,200	13,400	14,600	11,600
75	24,200	18,800	24,400	15,600	22,600	14,600	19,200	13,400	14,600	11,600
80	23,000	17,800	23,200	14,400	21,400	13,400	19,200	13,400	14,600	11,600
85	22,000	16,600	22,000	13,400	20,000	12,600	18,000	13,000	14,600	11,600
90	21,000	15,600	20,800	12,800	18,400	11,800	16,800	12,400	14,200	11,600
95	20,000	14,600	19,400	12,200	16,800	11,200	15,600	11,800	13,400	11,600
100	19,200	13,600	18,000	11,600	15,400	10,600	14,400	11,200	12,800	11,400
105	18,000	13,200	16,400	11,000	14,600	10,000	13,600	10,600	12,200	11,000
110	16,400	12,600	15,000	10,400	13,600	9,600	12,800	10,000	11,800	10,600
115	15,000	12,000	13,600	10,000	12,800	9,000	12,000	9,600	11,200	10,000
120	13,800	11,600	12,400	9,600	11,800	8,600	11,200	9,200	10,600	9,600
125	12,600	11,000	11,200	9,200	10,800	8,200	10,600	8,800	10,000	9,200
130	11,600	10,600	10,200	8,800	9,600	7,800	9,600	8,400	9,600	8,800
135	10,600	10,200	9,200	8,400	8,600	7,400	8,600	8,000	8,800	8,400
140		9,800	8,200	8,000	7,800	7,000	7,800	7,600	8,000	8,000
145		9,400	7,400	7,800	7,000	6,600	7,000	7,200	7,200	7,600
150		8,600	6,600	7,400	6,200	6,400	6,200	7,000	6,400	6,800
155		7,800	6,000	7,200	5,400	6,000	5,400	6,600	5,800	6,200
160				6,800	4,800	5,800	4,800	6,400	5,000	5,600
165				6,600	4,200	5,400	4,200	6,000	4,400	5,000
170				6,200	3,600	5,200	3,600	5,400	3,800	4,400
175						4,970	3,000	4,800	3,400	3,800
180						4,600	2,600	4,200	2,800	3,200
185								3,800	2,400	2,800
190								3,400		2,400
195								3,000		1,800
200								2,600		

80020719

RATED LIFTING CAPACITIES IN POUNDS
36 FT. MANUAL EXTENSION AT 20° FIXED OFFSET ANGLE
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3301									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
30	28,000									
35	27,200	24,600	25,800							
40	26,400	24,200	25,200	20,600	23,200	16,400	19,200			
45	25,400	23,400	24,800	20,600	22,800	16,400	19,200	13,400	14,600	
50	24,400	22,200	24,400	20,000	22,600	16,400	19,200	13,400	14,600	11,600
55	23,400	21,000	23,800	19,000	22,400	16,400	19,200	13,400	14,600	11,600
60	22,400	20,000	23,000	17,800	22,000	16,400	19,200	13,400	14,600	11,600
65	21,600	19,000	22,200	16,000	21,800	15,800	19,200	13,400	14,600	11,600
70	21,000	18,000	21,600	15,200	21,600	14,800	19,200	13,400	14,600	11,600
75	20,200	16,800	21,000	14,400	21,000	14,000	19,000	13,400	14,600	11,600
80	19,600	15,800	20,200	13,600	20,600	13,200	18,200	13,400	14,600	11,600
85	19,000	15,000	19,600	13,000	19,800	12,400	17,400	12,800	14,400	11,600
90	18,600	14,400	19,200	12,400	18,800	11,800	16,400	12,200	13,800	11,600
95	18,000	13,800	18,600	11,800	18,000	11,200	15,400	11,600	13,200	11,600
100	17,400	13,200	18,000	11,200	16,800	10,600	14,400	11,000	12,600	11,400
105	16,800	12,600	16,800	10,600	15,600	10,000	13,800	10,600	12,000	10,800
110	16,000	12,200	15,600	10,200	14,400	9,600	13,000	10,000	11,600	10,400
115	15,400	11,600	14,400	9,800	13,200	9,000	12,400	9,600	11,000	10,000
120	14,200	11,200	13,000	9,400	12,400	8,600	11,600	9,200	10,600	9,600
125	13,000	10,800	11,800	9,000	11,400	8,200	11,000	8,800	10,200	9,200
130	11,800	10,400	10,600	8,600	10,200	7,800	10,200	8,400	9,800	8,800
135	10,800	10,000	9,600	8,200	9,200	7,400	9,400	8,000	9,200	8,400
140		9,800	8,600	8,000	8,200	7,000	8,400	7,600	8,600	8,000
145		9,400	7,600	7,600	7,400	6,800	7,400	7,200	7,800	7,800
150		8,800	6,800	7,400	6,600	6,400	6,600	7,000	7,000	7,400
155		8,000	6,000	7,200	5,800	6,200	5,800	6,600	6,200	6,800
160				7,000	5,000	5,800	5,200	6,400	5,600	6,000
165				6,600	4,400	5,600	4,400	6,200	4,800	5,400
170				6,200	3,600	5,200	3,800	5,600	4,200	4,800
175						5,000	3,200	5,000	3,600	4,200
180						4,710	2,600	4,600	3,000	3,600
185								4,000	2,600	3,000
190								3,600	2,000	2,600
195								3,000		2,200

80020720

RATED LIFTING CAPACITIES IN POUNDS
36 FT. MANUAL EXTENSION AT 40° FIXED OFFSET ANGLE
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3302									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
40	21,000	20,800	21,000							
45	20,400	20,400	20,600	19,400	20,400					
50	20,000	19,800	20,200	19,200	20,200	16,400	18,600	13,400	14,600	
55	19,400	19,200	19,800	18,400	19,800	16,400	18,600	13,400	14,600	11,600
60	19,000	18,600	19,200	17,400	19,400	16,400	18,600	13,400	14,600	11,600
65	18,600	17,800	18,800	15,600	19,000	15,400	18,400	13,400	14,600	11,600
70	18,200	17,000	18,400	14,800	18,600	14,600	18,200	13,400	14,600	11,600
75	17,800	16,000	18,200	14,000	18,400	14,000	18,000	13,400	14,600	11,600
80	17,600	15,200	17,800	13,400	18,000	13,400	17,800	13,400	14,600	11,600
85	17,000	14,400	17,400	12,800	17,800	12,600	17,200	13,000	14,400	11,600
90	16,600	14,000	16,800	12,200	17,400	12,000	16,200	12,400	13,800	11,600
95	16,000	13,400	16,400	11,600	17,200	11,400	15,200	11,800	13,200	11,600
100	15,600	13,000	15,800	11,200	16,600	10,800	14,400	11,200	12,600	11,400
105	15,600	12,600	15,600	10,600	15,600	10,200	13,800	10,600	12,000	11,000
110	15,400	12,000	15,200	10,200	14,600	9,800	13,200	10,200	11,600	10,600
115	15,200	11,600	14,800	9,800	13,600	9,200	12,800	9,800	11,000	10,000
120	14,400	11,200	13,400	9,400	12,800	8,800	12,000	9,200	10,600	9,600
125		10,800	12,000	9,000	11,800	8,400	11,400	8,800	10,200	9,200
130		10,600	10,800	8,600	10,600	8,000	10,600	8,400	9,800	8,800
135		10,200	9,600	8,400	9,400	7,600	9,600	8,200	9,400	8,600
140				8,000	8,400	7,200	8,600	7,800	9,000	8,200
145				7,800	7,400	6,800	7,600	7,400	8,000	7,800
150						6,600	6,800	7,000	7,200	7,600
155						6,200	6,000	6,800	6,400	7,000
160								6,600	5,600	6,200
165								6,200	5,000	5,600
170								5,800	4,200	5,000
175										4,200
180										3,600

80020721

RATED LIFTING CAPACITIES IN POUNDS
59 FT. MANUAL EXTENSION AT 0° FIXED OFFSET ANGLE
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3310									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
25	14,800									
30	14,800	12,800	13,800	11,000	12,600					
35	14,600	12,800	13,800	11,000	12,600	9,400	11,000			
40	14,400	12,800	13,800	11,000	12,600	9,400	11,000	8,400	9,000	7,730
45	14,200	12,800	13,800	11,000	12,600	9,400	11,000	8,400	9,000	7,730
50	14,000	12,800	13,600	11,000	12,600	9,400	11,000	8,400	9,000	7,730
55	13,800	12,800	13,400	11,000	12,600	9,400	11,000	8,400	9,000	7,730
60	13,600	12,600	13,200	11,000	12,400	9,400	11,000	8,400	9,000	7,730
65	13,400	12,400	13,000	11,000	12,200	9,400	11,000	8,400	9,000	7,730
70	13,000	12,400	12,800	11,000	12,200	9,400	11,000	8,400	9,000	7,730
75	12,800	12,200	12,600	11,000	12,000	9,400	11,000	8,400	9,000	7,730
80	12,600	12,000	12,400	11,000	12,000	9,400	11,000	8,400	9,000	7,730
85	12,400	11,800	12,400	11,000	11,800	9,400	11,000	8,400	9,000	7,730
90	12,200	11,800	12,200	10,800	11,600	9,400	11,000	8,400	9,000	7,730
95	11,800	11,600	12,000	10,400	11,600	9,400	10,800	8,400	9,000	7,730
100	11,600	11,200	11,600	10,000	11,400	9,400	10,800	8,400	9,000	7,730
105	11,400	10,800	11,400	9,600	11,400	9,200	10,600	8,400	9,000	7,730
110	11,200	10,400	11,200	9,000	11,200	8,600	10,600	8,400	9,000	7,730
115	10,800	10,000	11,000	8,600	11,000	8,200	10,600	8,400	9,000	7,730
120	10,600	9,800	10,800	8,200	10,800	7,800	10,400	8,200	9,000	7,730
125	10,400	9,400	10,600	8,000	10,600	7,400	10,200	7,800	9,000	7,730
130	10,200	9,000	10,600	7,600	10,600	7,000	9,800	7,400	8,600	7,730
135	10,000	8,600	10,400	7,200	9,800	6,800	9,400	7,200	8,400	7,400
140	9,800	8,200	9,600	7,000	9,000	6,400	8,600	6,800	8,000	7,200
145	9,400	8,000	8,600	6,600	8,200	6,000	8,000	6,600	7,600	6,800
150	9,200	7,800	7,800	6,400	7,400	5,800	7,200	6,200	7,200	6,600
155	8,600	7,400	7,200	6,200	6,600	5,600	6,600	6,000	6,600	6,400
160	7,800	7,200	6,400	6,000	6,000	5,200	5,800	5,800	6,000	6,000
165		7,000	5,800	5,600	5,200	5,000	5,200	5,400	5,400	5,600
170		6,800	5,200	5,400	4,600	4,800	4,600	5,200	4,800	5,000
175		6,400	4,600	5,200	4,200	4,600	4,000	5,000	4,200	4,600
180				5,000	3,600	4,380	3,400	4,800	3,600	4,000
185				4,800	3,200	4,110	3,000	4,600	3,200	3,600
190				4,800	2,600	3,860	2,600	4,000	2,800	3,000
195						3,610	2,000	3,600	2,200	2,600
200						3,310		3,200		2,200
205						3,010		2,800		
210								2,400		
215								2,000		

80020722

RATED LIFTING CAPACITIES IN POUNDS
59 FT. MANUAL EXTENSION AT 20° FIXED OFFSET ANGLE
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3311									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
45	12,600									
50	12,400	11,800	12,200	11,000	11,600					
55	12,000	11,600	12,000	11,000	11,400	9,400	10,800	8,400	9,000	
60	11,800	11,400	11,800	10,800	11,400	9,400	10,600	8,400	9,000	8,000
65	11,600	11,200	11,600	10,800	11,200	9,400	10,600	8,400	9,000	8,000
70	11,400	11,000	11,400	10,600	11,200	9,400	10,600	8,400	9,000	8,000
75	11,200	11,000	11,200	10,600	11,000	9,400	10,400	8,400	9,000	8,000
80	11,000	10,800	11,000	10,400	10,800	9,400	10,400	8,400	9,000	8,000
85	10,800	10,600	10,800	10,200	10,600	9,400	10,400	8,400	9,000	8,000
90	10,600	10,400	10,600	10,000	10,600	9,400	10,200	8,400	9,000	8,000
95	10,400	10,200	10,400	9,800	10,400	9,400	10,200	8,400	9,000	8,000
100	10,200	10,200	10,400	9,600	10,200	9,400	10,000	8,400	9,000	8,000
105	10,000	9,800	10,200	9,200	10,200	9,200	10,000	8,400	9,000	8,000
110	9,800	9,600	10,000	8,800	10,000	8,800	9,800	8,400	9,000	8,000
115	9,600	9,400	9,800	8,400	10,000	8,400	9,800	8,400	9,000	8,000
120	9,600	9,200	9,800	8,000	9,800	8,000	9,800	8,400	9,000	8,000
125	9,400	8,800	9,600	7,800	9,800	7,600	9,600	8,000	8,800	8,000
130	9,200	8,600	9,400	7,400	9,600	7,200	9,600	7,600	8,600	7,800
135	9,000	8,400	9,400	7,200	9,400	6,800	9,200	7,200	8,200	7,600
140	9,000	8,000	9,200	6,800	9,200	6,600	9,000	7,000	8,000	7,200
145	8,800	7,800	9,000	6,600	9,000	6,200	8,600	6,600	7,600	7,000
150	8,800	7,600	8,600	6,400	8,200	6,000	8,200	6,400	7,400	6,600
155	8,600	7,400	7,800	6,200	7,400	5,600	7,400	6,000	7,000	6,400
160	8,000	7,200	7,000	5,800	6,600	5,400	6,600	5,800	6,800	6,200
165		7,000	6,200	5,600	6,000	5,200	6,000	5,600	6,200	6,000
170		6,800	5,600	5,400	5,200	4,800	5,400	5,400	5,600	5,600
175		6,600	5,000	5,400	4,600	4,600	4,600	5,200	5,000	5,400
180				5,200	4,000	4,400	4,000	4,800	4,400	4,800
185				5,000	3,400	4,200	3,600	4,600	3,800	4,200
190				4,800	2,800	4,000	3,000	4,400	3,200	3,800
195						3,780	2,400	4,000	2,800	3,200
200						3,520	2,000	3,600	2,400	2,800
205						3,170		3,200		2,400
210								2,800		1,800
215								2,400		
220								2,000		

80020724

RATED LIFTING CAPACITIES IN POUNDS
59 FT. MANUAL EXTENSION AT 40° FIXED OFFSET ANGLE
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3312									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
60	10,400	10,200	10,400							
65	10,200	10,000	10,200							
70	10,000	10,000	10,000	9,800	10,000	9,400	10,000			
75	9,800	9,800	9,800	9,800	10,000	9,400	9,800	8,400	9,000	
80	9,600	9,600	9,800	9,600	9,800	9,400	9,800	8,400	9,000	8,000
85	9,600	9,600	9,600	9,600	9,600	9,400	9,600	8,400	9,000	8,000
90	9,400	9,400	9,400	9,400	9,600	9,400	9,600	8,400	9,000	8,000
95	9,400	9,400	9,400	9,400	9,400	9,200	9,400	8,400	9,000	8,000
100	9,200	9,200	9,200	9,200	9,400	9,200	9,400	8,400	9,000	8,000
105	9,200	9,200	9,200	9,000	9,200	9,000	9,200	8,400	9,000	8,000
110	9,000	9,000	9,200	8,800	9,200	8,800	9,200	8,400	9,000	8,000
115	9,000	9,000	9,000	8,400	9,200	8,600	9,200	8,400	9,000	8,000
120	9,000	8,800	9,000	8,200	9,000	8,200	9,000	8,400	9,000	8,000
125	8,800	8,600	9,000	7,800	9,000	7,800	9,000	8,200	8,800	8,000
130	8,800	8,400	9,000	7,600	9,000	7,600	9,000	7,800	8,800	8,000
135	8,800	8,200	8,800	7,200	9,000	7,200	9,000	7,600	8,400	7,800
140	8,800	8,000	8,800	7,000	8,800	6,800	8,800	7,200	8,200	7,400
145	8,800	7,800	8,800	6,800	8,800	6,600	8,800	6,800	7,800	7,200
150		7,600	8,800	6,400	8,800	6,200	8,600	6,600	7,600	6,800
155		7,600	8,000	6,200	7,800	6,000	8,000	6,400	7,200	6,600
160				6,000	7,000	5,600	7,200	6,000	7,000	6,400
165				5,800	6,200	5,400	6,400	5,800	6,800	6,200
170				5,600	5,400	5,200	5,600	5,600	6,000	5,800
175						4,800	5,000	5,400	5,400	5,600
180						4,600	4,200	5,000	4,600	5,200
185								4,800	4,000	4,600
190								4,600	3,400	4,000
195								4,200	3,000	3,400
200										3,000

80020725

RATED LIFTING CAPACITIES IN POUNDS
85 FT. MANUAL EXTENSION AT 0° FIXED OFFSET ANGLE
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3320									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
30	12,000									
35	12,000	9,800	11,000							
40	12,000	9,800	11,000	8,200	9,800	6,800	8,400			
45	12,000	9,800	11,000	8,200	9,800	6,800	8,400	6,200	6,800	
50	12,000	9,800	11,000	8,200	9,800	6,800	8,400	6,200	6,800	5,600
55	12,000	9,800	11,000	8,200	9,800	6,800	8,400	6,200	6,800	5,600
60	11,800	9,800	11,000	8,200	9,800	6,800	8,400	6,200	6,800	5,600
65	11,600	9,800	11,000	8,200	9,800	6,800	8,400	6,200	6,800	5,600
70	11,200	9,800	11,000	8,200	9,800	6,800	8,400	6,200	6,800	5,600
75	10,800	9,800	10,600	8,200	9,800	6,800	8,400	6,200	6,800	5,600
80	10,400	9,800	10,400	8,200	9,800	6,800	8,400	6,200	6,800	5,600
85	10,000	9,600	10,200	8,200	9,800	6,800	8,400	6,200	6,800	5,600
90	9,800	9,400	9,800	8,200	9,600	6,800	8,400	6,200	6,800	5,600
95	9,400	9,200	9,600	8,200	9,400	6,800	8,400	6,200	6,800	5,600
100	9,000	8,800	9,200	8,200	9,200	6,800	8,400	6,200	6,800	5,600
105	8,800	8,600	9,000	7,800	9,000	6,800	8,400	6,200	6,800	5,600
110	8,400	8,200	8,800	7,400	8,800	6,800	8,400	6,200	6,800	5,600
115	8,200	7,800	8,400	7,000	8,600	6,800	8,400	6,200	6,800	5,600
120	8,000	7,600	8,200	6,800	8,200	6,600	8,200	6,200	6,800	5,600
125	7,600	7,200	8,000	6,400	8,000	6,200	8,000	6,200	6,800	5,600
130	7,400	7,000	7,800	6,000	7,800	6,000	7,800	6,200	6,800	5,600
135	7,200	6,800	7,400	5,800	7,600	5,600	7,600	6,000	6,800	5,600
140	7,000	6,400	7,200	5,600	7,400	5,400	7,400	5,600	6,600	5,600
145	6,800	6,200	7,000	5,200	7,200	5,000	7,200	5,400	6,200	5,600
150	6,600	6,000	6,800	5,000	7,000	4,800	7,000	5,000	6,000	5,400
155	6,400	5,800	6,600	4,800	7,000	4,600	6,600	4,800	5,800	5,000
160	6,200	5,600	6,600	4,600	6,200	4,200	5,800	4,600	5,400	4,800
165	6,000	5,400	6,200	4,400	5,600	4,000	5,400	4,400	5,200	4,600
170	5,800	5,200	5,600	4,200	5,000	3,800	4,800	4,200	4,800	4,400
175	5,800	5,000	5,000	4,000	4,400	3,600	4,200	4,000	4,200	4,200
180	5,600	4,800	4,600	3,800	4,000	3,400	3,800	3,800	3,800	3,800
185	5,400	4,600	4,000	3,600	3,400	3,200	3,200	3,600	3,200	3,400
190	4,800	4,400	3,600	3,400	3,000	3,000	2,800	3,400	2,800	3,000
195		4,200	3,000	3,390	2,400	2,800	2,200	3,200	2,400	2,600
200		4,200	2,600	3,200	2,000	2,590		3,000	2,000	2,200
205				3,000		2,370		2,800		
210				2,850		2,160		2,400		
215				2,680		1,970		2,000		
220						1,780				
225						1,590				

80020765

RATED LIFTING CAPACITIES IN POUNDS
85 FT. MANUAL EXTENSION AT 20° FIXED OFFSET ANGLE
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3321									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
50	11,400									
55	11,000	9,800	10,600							
60	10,600	9,800	10,400	8,200	9,800	6,800	8,800			
65	10,200	9,800	10,200	8,200	9,600	6,800	8,800			
70	10,000	9,600	10,000	8,200	9,400	6,800	8,800	6,200	7,200	5,600
75	9,600	9,200	9,600	8,200	9,200	6,800	8,800	6,200	7,200	5,600
80	9,200	9,000	9,400	8,200	9,200	6,800	8,800	6,200	7,200	5,600
85	9,000	8,800	9,000	8,200	9,000	6,800	8,600	6,200	7,200	5,600
90	8,800	8,600	8,800	8,200	8,800	6,800	8,400	6,200	7,200	5,600
95	8,400	8,400	8,600	8,200	8,600	6,800	8,400	6,200	7,200	5,600
100	8,200	8,000	8,400	7,800	8,400	6,800	8,200	6,200	7,200	5,600
105	8,000	7,800	8,000	7,600	8,200	6,800	8,000	6,200	7,200	5,600
110	7,600	7,600	7,800	7,400	8,000	6,800	7,800	6,200	7,200	5,600
115	7,400	7,400	7,600	7,000	7,800	6,800	7,600	6,200	7,200	5,600
120	7,200	7,200	7,400	6,800	7,600	6,800	7,400	6,200	7,200	5,600
125	7,000	7,000	7,200	6,400	7,400	6,400	7,400	6,200	7,200	5,600
130	6,800	6,800	7,000	6,200	7,200	6,200	7,200	6,200	7,000	5,600
135	6,600	6,400	7,000	5,800	7,000	5,800	7,000	6,200	6,800	5,600
140	6,600	6,200	6,800	5,600	6,800	5,600	6,800	5,800	6,600	5,600
145	6,400	6,000	6,600	5,400	6,800	5,200	6,800	5,600	6,400	5,600
150	6,200	5,800	6,400	5,000	6,600	5,000	6,600	5,200	6,000	5,400
155	6,000	5,600	6,400	4,800	6,400	4,800	6,600	5,000	5,800	5,200
160	6,000	5,400	6,200	4,600	6,400	4,400	6,400	4,800	5,600	5,000
165	5,800	5,200	6,000	4,400	6,200	4,200	6,200	4,600	5,400	4,800
170	5,800	5,200	6,000	4,200	5,800	4,000	5,600	4,400	5,200	4,600
175	5,600	5,000	5,600	4,000	5,200	3,800	5,000	4,200	5,000	4,400
180	5,600	4,800	5,000	3,800	4,600	3,600	4,400	3,800	4,400	4,200
185	5,600	4,600	4,400	3,800	4,000	3,400	4,000	3,800	4,000	4,000
190	5,000	4,600	4,000	3,600	3,400	3,200	3,400	3,600	3,600	3,600
195		4,400	3,400	3,400	3,000	3,000	2,800	3,400	3,000	3,200
200		4,200	2,800	3,200	2,400	2,800	2,400	3,200	2,600	2,800
205				3,120	2,000	2,570	2,000	3,000	2,200	2,400
210				2,940		2,350		2,800		2,000
215				2,770		2,130		2,400		
220						1,920		2,000		
225						1,710				

80020766

RATED LIFTING CAPACITIES IN POUNDS
85 FT. MANUAL EXTENSION AT 40° FIXED OFFSET ANGLE
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3322									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
70	9,000									
75	8,600	8,400	8,600	7,800	8,200					
80	8,400	8,200	8,400	7,800	8,200	6,800	7,800	5,800	6,800	
85	8,200	8,000	8,200	7,600	8,000	6,800	7,800	5,800	6,800	
90	8,000	7,800	8,000	7,600	7,800	6,800	7,600	5,800	6,800	5,600
95	7,800	7,600	7,800	7,400	7,800	6,800	7,600	5,800	6,800	5,600
100	7,600	7,400	7,600	7,400	7,600	6,800	7,400	5,800	6,800	5,600
105	7,400	7,400	7,400	7,200	7,400	6,800	7,400	5,800	6,800	5,600
110	7,200	7,200	7,400	7,200	7,400	6,800	7,200	5,800	6,800	5,600
115	7,000	7,000	7,200	7,000	7,200	6,800	7,000	5,800	6,800	5,600
120	6,800	6,800	7,000	6,800	7,000	6,600	7,000	5,800	6,600	5,600
125	6,800	6,800	6,800	6,400	7,000	6,600	6,800	5,800	6,600	5,600
130	6,600	6,600	6,800	6,200	6,800	6,400	6,800	5,800	6,600	5,600
135	6,400	6,400	6,600	6,000	6,600	6,200	6,600	5,800	6,600	5,600
140	6,400	6,200	6,400	5,800	6,600	5,800	6,600	5,800	6,400	5,600
145	6,200	6,000	6,400	5,400	6,400	5,600	6,400	5,800	6,400	5,600
150	6,200	5,800	6,200	5,200	6,400	5,400	6,400	5,600	6,200	5,600
155	6,000	5,800	6,200	5,000	6,200	5,000	6,200	5,400	6,000	5,600
160	6,000	5,600	6,000	4,800	6,200	4,800	6,200	5,000	5,800	5,200
165	5,800	5,400	6,000	4,600	6,000	4,400	6,200	4,800	5,600	5,000
170		5,200	6,000	4,400	6,000	4,200	6,000	4,600	5,400	4,800
175		5,000	5,800	4,200	5,600	4,000	5,400	4,400	5,200	4,600
180		5,000	5,200	4,000	4,800	3,800	4,800	4,200	4,800	4,400
185				3,800	4,200	3,600	4,200	4,000	4,400	4,200
190				3,600	3,600	3,400	3,600	3,800	3,800	4,000
195						3,200	3,200	3,600	3,400	3,600
200						2,960	2,600	3,400	2,800	3,200
205								3,200	2,400	2,800
210								2,990		2,200
215								2,600		

80020767

RATED LIFTING CAPACITIES IN POUNDS
105 FT. MANUAL EXTENSION AT 0° FIXED OFFSET ANGLE
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3330									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
35	9,200									
40	9,200	7,400	8,400	6,400	7,800					
45	9,200	7,400	8,400	6,400	7,800	5,540	6,600			
50	9,200	7,400	8,400	6,400	7,800	5,540	6,600	4,600	5,200	3,920
55	9,200	7,400	8,400	6,400	7,800	5,540	6,600	4,600	5,200	3,920
60	9,200	7,400	8,400	6,400	7,800	5,540	6,600	4,600	5,200	3,920
65	9,000	7,400	8,400	6,400	7,800	5,540	6,600	4,600	5,200	3,920
70	8,800	7,400	8,400	6,400	7,800	5,540	6,600	4,600	5,200	3,920
75	8,400	7,400	8,200	6,400	7,800	5,540	6,600	4,600	5,200	3,920
80	8,200	7,400	8,000	6,400	7,800	5,540	6,600	4,600	5,200	3,920
85	8,000	7,400	7,800	6,400	7,600	5,540	6,600	4,600	5,200	3,920
90	7,600	7,200	7,600	6,400	7,400	5,540	6,600	4,600	5,200	3,920
95	7,400	7,000	7,400	6,400	7,200	5,540	6,600	4,600	5,200	3,920
100	7,200	6,800	7,200	6,400	7,000	5,540	6,600	4,600	5,200	3,920
105	7,000	6,600	7,000	6,400	7,000	5,540	6,600	4,600	5,200	3,920
110	6,800	6,400	6,800	6,200	6,800	5,540	6,400	4,600	5,200	3,920
115	6,400	6,200	6,600	6,000	6,600	5,540	6,200	4,600	5,200	3,920
120	6,200	6,200	6,400	5,800	6,400	5,540	6,200	4,600	5,200	3,920
125	6,000	6,000	6,200	5,400	6,200	5,400	6,000	4,600	5,200	3,920
130	5,800	5,800	6,000	5,200	6,200	5,200	5,800	4,600	5,200	3,920
135	5,600	5,600	5,800	5,000	6,000	4,800	5,800	4,600	5,200	3,920
140	5,400	5,400	5,600	4,600	5,800	4,600	5,600	4,600	5,200	3,920
145	5,200	5,000	5,400	4,400	5,600	4,400	5,600	4,600	5,200	3,920
150	5,000	4,800	5,400	4,200	5,400	4,000	5,400	4,400	5,000	3,920
155	4,800	4,600	5,200	4,000	5,400	3,800	5,400	4,000	4,800	3,920
160	4,800	4,400	5,000	3,800	5,200	3,600	5,200	3,800	4,600	3,920
165	4,600	4,400	4,800	3,600	5,000	3,400	5,000	3,600	4,400	3,800
170	4,400	4,200	4,600	3,400	4,800	3,200	4,600	3,400	4,200	3,600
175	4,400	4,000	4,600	3,200	4,600	3,000	4,200	3,200	4,000	3,400
180	4,200	3,800	4,400	3,000	4,000	2,800	3,800	3,000	3,600	3,200
185	4,000	3,600	4,200	2,800	3,600	2,600	3,200	2,800	3,200	3,000
190	4,000	3,600	3,600	2,720	3,000	2,400	2,800	2,600	2,800	2,800
195	3,800	3,400	3,200	2,530	2,600	2,180	2,400	2,570	2,200	2,400
200	3,800	3,200	2,800	2,340	2,200	1,960	2,000	2,350	2,000	2,000
205	3,600	3,170	2,400	2,170		1,750		2,140		
210		3,000	2,000	2,000						
215		2,840		1,830						
220		2,680								

80020775

RATED LIFTING CAPACITIES IN POUNDS
105 FT. MANUAL EXTENSION AT 20° FIXED OFFSET ANGLE
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3331									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
55	9,000									
60	8,600	7,400	8,400	6,400	7,800					
65	8,400	7,400	8,200	6,400	7,800					
70	8,200	7,400	7,800	6,400	7,600	5,600	6,600	4,600	5,200	
75	7,800	7,400	7,600	6,400	7,400	5,600	6,600	4,600	5,200	4,200
80	7,600	7,200	7,400	6,400	7,400	5,600	6,600	4,600	5,200	4,200
85	7,400	7,000	7,200	6,400	7,200	5,600	6,600	4,600	5,200	4,200
90	7,200	6,800	7,000	6,400	7,000	5,600	6,600	4,600	5,200	4,200
95	7,000	6,600	6,800	6,400	6,800	5,600	6,400	4,600	5,200	4,200
100	6,800	6,400	6,600	6,200	6,600	5,600	6,200	4,600	5,200	4,200
105	6,600	6,200	6,600	6,200	6,600	5,600	6,200	4,600	5,200	4,200
110	6,200	6,200	6,400	6,000	6,400	5,600	6,000	4,600	5,200	4,200
115	6,000	6,000	6,200	5,800	6,200	5,400	6,000	4,600	5,200	4,200
120	5,800	5,800	6,000	5,800	6,000	5,400	5,800	4,600	5,200	4,200
125	5,600	5,600	5,800	5,400	6,000	5,400	5,800	4,600	5,200	4,200
130	5,400	5,600	5,600	5,200	5,800	5,200	5,600	4,600	5,200	4,200
135	5,400	5,400	5,400	5,000	5,600	5,200	5,600	4,600	5,200	4,200
140	5,200	5,200	5,400	4,800	5,400	4,800	5,400	4,600	5,000	4,200
145	5,000	5,000	5,200	4,600	5,200	4,600	5,200	4,600	5,000	4,200
150	4,800	4,800	5,000	4,400	5,200	4,400	5,200	4,600	5,000	4,200
155	4,800	4,600	5,000	4,200	5,000	4,200	5,000	4,400	4,800	4,200
160	4,600	4,400	4,800	3,800	4,800	3,800	5,000	4,200	4,800	4,200
165	4,400	4,200	4,600	3,600	4,800	3,600	4,800	3,800	4,600	4,000
170	4,400	4,200	4,600	3,600	4,600	3,400	4,800	3,600	4,400	3,800
175	4,200	4,000	4,400	3,400	4,600	3,200	4,600	3,400	4,200	3,600
180	4,000	3,800	4,400	3,200	4,400	3,000	4,400	3,200	4,000	3,400
185	4,000	3,600	4,200	3,000	4,200	2,800	4,000	3,000	3,800	3,200
190	3,800	3,600	4,000	2,800	3,800	2,600	3,600	2,800	3,400	3,200
195	3,800	3,400	3,800	2,600	3,200	2,400	3,000	2,800	3,000	3,000
200	3,800	3,200	3,200	2,500	2,800	2,200	2,600	2,600	2,600	2,600
205	3,600	3,200	2,800	2,310	2,400	2,000	2,200	2,400	2,200	2,200
210		3,000	2,400	2,130		1,780		2,190		1,800
215		2,930	2,000	1,960				1,980		
220		2,770		1,790				1,780		

80020776

RATED LIFTING CAPACITIES IN POUNDS
105 FT. MANUAL EXTENSION AT 40° FIXED OFFSET ANGLE
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3332									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
75	7,000	6,400	6,800							
80	7,000	6,400	6,600	5,800	6,400	5,000	5,600			
85	6,800	6,200	6,600	5,800	6,400	5,000	5,600			
90	6,600	6,200	6,400	5,800	6,200	5,000	5,600	4,600	4,800	4,000
95	6,400	6,000	6,200	5,800	6,200	5,000	5,600	4,600	4,800	4,000
100	6,200	5,800	6,200	5,600	6,000	5,000	5,600	4,600	4,800	4,000
105	6,000	5,800	6,000	5,600	6,000	5,000	5,400	4,600	4,800	4,000
110	5,800	5,600	5,800	5,600	5,800	5,000	5,400	4,600	4,800	4,000
115	5,800	5,600	5,600	5,400	5,800	5,000	5,400	4,400	4,800	4,000
120	5,600	5,400	5,600	5,400	5,600	5,000	5,400	4,400	4,800	4,000
125	5,400	5,200	5,400	5,200	5,400	4,800	5,200	4,400	4,800	4,000
130	5,200	5,200	5,400	5,200	5,400	4,800	5,200	4,400	4,800	4,000
135	5,200	5,000	5,200	5,000	5,200	4,800	5,000	4,400	4,600	4,000
140	5,000	5,000	5,000	5,000	5,200	4,800	5,000	4,400	4,600	4,000
145	4,800	4,800	5,000	4,800	5,000	4,600	5,000	4,400	4,600	4,000
150	4,800	4,800	4,800	4,600	5,000	4,600	4,800	4,400	4,600	4,000
155	4,600	4,600	4,800	4,400	4,800	4,400	4,800	4,400	4,600	4,000
160	4,600	4,600	4,600	4,000	4,800	4,200	4,800	4,400	4,600	4,000
165	4,400	4,400	4,600	3,800	4,600	4,000	4,600	4,200	4,400	4,000
170	4,200	4,200	4,400	3,600	4,600	3,800	4,600	4,000	4,400	4,000
175	4,200	4,000	4,400	3,400	4,400	3,400	4,600	3,800	4,400	4,000
180	4,200	4,000	4,200	3,400	4,400	3,200	4,400	3,600	4,200	3,800
185		3,800	4,200	3,200	4,200	3,000	4,400	3,400	4,000	3,600
190		3,600	4,000	3,000	4,000	2,800	4,000	3,200	3,800	3,400
195		3,400	3,800	2,800	3,400	2,600	3,400	3,000	3,400	3,200
200				2,600	3,000	2,400	3,000	2,800	3,000	3,000
205				2,400	2,400	2,190	2,400	2,600	2,400	2,600
210						1,950	2,000	2,390	2,000	2,200
215								2,160		
220								1,940		

80020777

RATED LIFTING CAPACITIES IN POUNDS AT FIXED BOOM LENGTHS
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #1301																		
in Feet	42.3	57.5	57.6	57.8	57.9	58.0	72.6	72.8	73.0	73.2	73.3	73.4	73.5	73.6	73.8	87.9	88.3	88.7	89.1
Sect I	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	50%	100%	0%	0%	0%	50%
Sect II	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	50%	50%
Sect III	0%	0%	0%	50%	0%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	0%	50%	50%	50%
Sect IV	0%	0%	50%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	0%	0%	50%	50%	50%	0%
Sect V	0%	50%	0%	0%	0%	0%	100%	50%	0%	0%	0%	0%	0%	0%	0%	100%	50%	0%	0%
8	250,000																		
9	236,000																		
10	217,000	102,000	120,000	167,000	199,000	198,000	80,000	102,000	97,000	120,000	93,000	167,000	88,000	186,000	83,000	77,000	102,000	120,000	143,000
12	199,000	100,000	120,000	165,500	185,000	184,000	74,400	98,400	90,200	117,500	93,000	161,500	88,000	173,000	83,000	72,200	99,200	120,000	143,000
15	173,000	97,000	120,000	164,000	165,000	164,000	66,000	93,000	80,000	114,000	93,000	154,000	88,000	154,000	83,000	65,000	95,000	120,000	143,000
20	142,000	83,000	114,000	137,000	136,000	136,000	57,000	78,000	67,000	96,000	83,000	131,000	88,000	132,000	83,000	56,000	81,000	106,000	125,000
25	117,000	73,000	98,000	114,000	113,000	115,000	49,000	68,000	58,000	83,000	72,000	114,000	88,000	111,000	83,000	48,000	71,000	93,000	107,000
30	86,400	66,000	86,000	88,950	87,000	84,750	43,400	59,000	51,000	73,000	63,000	88,550	86,000	84,900	82,000	42,200	62,000	83,000	83,050
35		59,000	69,450	68,050	66,250	64,150	38,800	53,000	45,000	65,000	56,000	68,250	66,100	65,200	62,850	37,600	55,000	70,250	66,700
40		54,000	55,400	54,050	52,400	50,400	35,200	48,000	41,000	56,950	50,000	54,550	52,500	51,700	49,400	33,800	50,000	56,450	53,200
45		46,450	45,350	44,050	42,450	40,550	31,800	43,400	37,200	46,850	45,000	44,600	42,600	41,800	39,600	30,400	45,000	46,600	43,500
50							29,200	40,000	34,000	39,250	37,550	37,050	35,100	34,350	32,250	27,800	41,200	39,150	36,100
55							27,200	35,150	31,000	33,300	31,700	31,200	29,350	28,600	26,550	25,800	35,650	33,200	30,350
60																23,800	30,950	28,550	25,650
65																22,200	27,000	24,650	21,800
70																20,800	23,750	21,400	18,600
75																			15,900

Radius	Main Boom Length in Feet - SLI code #1301																
in Feet	103.3	103.9	104.5	118.8	119.0	119.6	134.3	134.7	135.3	149.9	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	0%	0%	50%	0%	0%	50%	0%	50%	100%	0%	50%	100%	0%	100%	50%	100%	100%
Sect II	0%	50%	50%	0%	50%	50%	0%	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	0%	50%	50%	50%	50%	50%	100%	50%	50%	100%	50%	50%	100%	100%	100%	100%	100%
Sect IV	100%	50%	50%	100%	50%	50%	100%	50%	50%	100%	100%	50%	100%	50%	100%	100%	100%
Sect V	100%	50%	0%	100%	100%	50%	100%	100%	50%	100%	100%	50%	100%	50%	100%	50%	100%
15	55,000	98,000	110,000														
20	47,000	86,000	108,000	48,000	61,000	84,000	41,800	57,000	62,000	36,400	41,800	45,000					
25	41,000	77,000	98,000	43,200	56,000	78,000	40,000	56,000	62,000	36,400	41,800	45,000	29,800	35,200			
30	36,200	68,000	81,900	38,800	50,000	72,000	36,000	52,000	61,000	36,200	40,800	45,000	29,800	35,200	24,200	25,600	22,000
35	31,800	61,000	66,400	35,000	45,000	66,000	32,200	48,000	56,000	33,400	38,000	45,000	29,800	35,200	24,200	25,600	22,000
40	28,400	56,000	55,000	31,000	41,600	55,550	28,800	44,000	51,000	30,200	35,600	45,000	29,800	35,200	24,200	25,600	22,000
45	25,800	48,400	45,200	28,400	38,400	47,000	26,200	41,000	44,350	27,800	32,600	41,400	28,200	35,200	24,200	25,600	22,000
50	23,600	40,950	37,800	26,200	35,600	39,550	23,800	38,200	38,050	25,600	30,200	37,050	26,400	34,800	24,200	25,600	22,000
55	21,800	35,100	32,050	24,200	32,800	33,700	22,000	35,000	32,250	23,600	28,200	32,100	24,600	31,850	24,200	25,600	22,000
60	20,000	30,500	27,500	22,400	30,400	29,150	20,200	30,450	27,750	21,800	26,400	27,650	23,000	27,950	23,800	25,600	22,000
65	18,600	26,550	23,600	21,000	27,950	25,350	18,600	26,600	24,000	20,400	24,800	23,850	21,600	24,250	22,400	24,900	22,000
70	17,400	23,300	20,400	19,600	24,700	22,150	17,400	23,400	20,850	19,000	23,400	20,700	20,200	21,050	21,200	21,750	21,600
75	16,000	20,550	17,650	18,200	21,900	19,400	15,800	20,700	18,150	17,800	21,300	18,000	19,000	18,400	20,000	19,050	19,900
80	14,400	18,150	15,400	17,000	19,550	17,050	14,200	18,350	15,850	16,400	18,950	15,750	17,800	16,100	18,650	16,750	17,600
85	13,600	16,150	13,350	15,200	17,450	15,100	13,200	16,300	13,900	14,800	16,950	13,900	16,800	14,250	16,600	14,950	15,750
90	12,800	14,400	11,600	14,400	15,750	13,300	12,400	14,600	12,150	14,000	15,300	12,100	15,700	12,500	15,000	13,200	14,000
95				13,600	14,150	11,700	11,800	13,000	10,550	13,200	13,700	10,550	14,150	11,000	13,450	11,650	12,450
100				12,800	12,750	10,300	11,000	11,600	9,190	12,400	12,250	9,170	12,700	9,610	12,100	10,300	11,100
105							10,400	10,350	7,940	11,800	11,000	7,920	11,450	8,360	10,850	9,070	9,880
110							9,800	9,230	6,820	10,950	9,880	6,800	10,300	7,230	9,720	7,940	8,770
115							9,200	8,210	5,810	9,960	8,850	5,780	9,280	6,210	8,690	6,920	7,760
120										9,020	7,920	4,860	8,350	5,290	7,750	5,990	6,830
125										8,160	7,060	4,020	7,490	4,440	6,890	5,140	5,980
130										7,380	6,290	3,250	6,700	3,670	6,110	4,360	5,200
135										6,660	5,570	2,540	5,990	2,960	5,390	3,650	4,480
140													5,320	2,310	4,730	2,990	3,820
145													4,710	1,700	4,110	2,380	3,210
150													4,150	1,150	3,550	1,820	2,640
155															3,020	1,300	2,110
160															2,530		1,620
165																	1,160

80020667

RATED LIFTING CAPACITIES IN POUNDS AT INTERMEDIATE BOOM LENGTHS
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1301**												
in Feet	42.3-58.0	58.0-73.8	42.3-57.9	57.9-73.6	57.9-73.5	42.3-57.8	57.8-73.4	73.4-89.1	57.8-73.3	42.3-57.5	57.5-72.6	72.6-87.9	87.9-103.3
I	0-50%	50-100%	0%	0-50%	00%	0%	0%	0-50%	0%	0%	0%	0%	0%
II	0%	0%	0-50%	50%	50-100%	0%	0-50%	50%	0%	0%	0%	0%	0%
III	0%	0%	0%	0%	0%	0-50%	50%	50%	50-100%	0%	0%	0%	0%
IV	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0-50%	50-100%
V	0%	0%	0%	0%	0%	0%	0%	0%	0%	0-50%	50-100%	100%	100%
10	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	88,000	57,000	77,000	61,000
12	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	88,000	57,000	72,200	57,800
15	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	88,000	57,000	65,000	53,000
20	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	83,000	56,000	55,000	45,000
25	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	73,000	49,000	48,000	39,600
30	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	66,000	43,000	42,000	34,800
35	64,150	62,000	66,250	65,200	60,000	68,050	68,050	66,700	54,000	59,000	38,800	37,600	30,600
40	50,400	49,400	52,400	51,700	52,400	54,050	54,050	53,200	50,000	54,000	35,200	33,800	27,400
45	40,550	39,600	42,450	41,800	42,450	44,050	44,050	43,500	44,050	46,450	31,800	30,200	25,000
50		32,250		34,350	35,100		37,050	36,100	37,550		29,000	27,600	22,800
55		26,550		28,600	29,350		31,200	30,350	31,700		27,200	25,600	20,800
60								25,650				23,800	19,400
65								21,800				22,200	18,000
70								18,600				20,800	16,600
75								15,900					15,200
80													13,800
85													13,000
90													12,400

80020671-1

(Section 1 of 4)

RATED LIFTING CAPACITIES IN POUNDS AT INTERMEDIATE BOOM LENGTHS (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1301**											
in Feet	103.3-118.8	118.8-134.3	134.3-149.9	149.9-165.5	165.5-181.1	181.1-196.9	57.5-72.8	72.8-88.1	88.1-103.6	103.6-119.1	119.1-134.7	134.7-150.3
I II III IV V	0% 0% 0-50% 100% 100%	0% 0% 50-100% 100% 100%	0% 0-50% 100% 100% 100%	0% 50-100% 100% 100% 100%	0-50% 100% 100% 100% 100%	50-100% 100% 100% 100% 100%	0% 0% 0% 0-50% 50%	0% 0% 0% 50-100% 50%	0% 0% 0-50% 100% 50%	0% 0% 50-100% 100% 50%	0% 0-50% 100% 100% 50%	0% 50-100% 100% 100% 50%
10							84,000	58,000	77,000			
12							84,000	58,000	73,000			
15	54,000						84,000	58,000	66,650	49,000		
20	47,000	37,000	36,400	27,400			78,000	53,000	56,400	48,000	48,000	33,200
25	41,000	36,400	36,400	27,400	25,400		68,000	46,000	48,700	43,200	43,200	33,200
30	36,000	34,600	36,000	27,400	24,200	19,400	59,000	40,400	42,700	38,000	38,000	33,200
35	31,800	30,800	32,000	27,400	24,200	19,400	53,000	36,000	37,900	34,200	34,200	33,200
40	28,400	27,800	28,800	27,400	24,200	19,400	47,000	31,800	34,000	29,800	29,800	32,800
45	25,600	25,200	26,200	27,200	24,200	19,200	43,400	28,800	30,800	27,200	27,200	30,400
50	23,600	23,000	23,800	25,400	24,200	19,200	39,800	26,400	28,050	24,800	24,800	28,000
55	21,600	21,200	21,800	23,400	24,200	19,000	35,150	24,400	25,750	22,400	22,400	25,800
60	19,800	19,400	20,200	21,800	22,800	19,000		22,400	23,750	20,800	20,800	23,800
65	18,400	18,000	18,600	20,400	21,400	18,600		21,000	22,000	19,400	19,400	22,200
70	17,200	16,600	17,200	19,000	20,000	18,200		19,600	20,450	18,000	18,000	20,600
75	15,800	15,200	15,600	17,600	18,800	18,000			19,150	16,400	16,400	19,400
80	14,400	13,600	14,000	16,400	17,800	17,600			18,600	14,600	14,600	18,000
85	13,400	12,800	13,200	14,600	16,600	15,750			17,400	13,800	13,800	16,500
90	12,800	12,000	12,400	13,800	15,000	14,000			15,750	12,600	12,600	14,800
95	12,600	11,400	11,600	13,000	13,450	12,450				12,000	12,000	13,250
100	12,600	10,600	10,800	12,200	12,100	11,100				11,200	11,200	11,800
105		10,000	10,400	11,450	10,850	9,880					10,400	10,550
110		9,400	9,800	10,300	9,720	8,770					10,050	9,430
115		8,800	9,200	9,280	8,690	7,760					9,050	8,400
120			8,800	8,350	7,750	6,830						7,470
125			8,160	7,490	6,890	5,980						6,620
130			7,380	6,700	6,110	5,200						5,840
135			6,660	5,990	5,390	4,480						5,130
140				5,320	4,730	3,820						
145				4,710	4,110	3,210						
150				4,150	3,550	2,640						
155					3,020	2,110						
160					2,530	1,620						
165						1,160						

80020671-2

(Section 2 of 4)

RATED LIFTING CAPACITIES IN POUNDS AT INTERMEDIATE BOOM LENGTHS (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1301**											
in Feet	150.3-166.0	166.0-181.7	72.8-88.3	88.3-103.8	103.8-119.4	119.4-135.0	135.0-150.7	150.7-166.4	42.3-57.6	57.6-73.0	57.6-73.2	73.2-88.7
I II III IV V	0-50% 100% 100% 100% 50%	50-100% 100% 100% 100% 50%	0% 0% 0-50% 50% 50%	0% 0% 50-100% 50% 50%	0% 0-50% 100% 50% 50%	0% 50-100% 100% 50% 50%	0-50% 100% 100% 50% 50%	50-100% 100% 100% 50% 50%	0% 0% 0% 0-50% 0%	0% 0% 0% 50-100% 0%	0% 0% 0-50% 50% 0%	0% 0-50% 50% 50% 0%
10			77,000	54,000					85,000	58,000	78,000	73,000
12			77,000	54,000					85,000	58,000	78,000	73,000
15			77,000	54,000	66,000				85,000	58,000	78,000	73,000
20	33,200		77,000	54,000	57,000	43,800	43,800	30,400	85,000	58,000	78,000	73,000
25	33,200	24,200	68,000	49,000	49,000	43,600	43,600	30,400	85,000	57,000	78,000	73,000
30	33,200	23,800	59,000	43,200	43,200	43,400	43,400	30,000	84,000	51,000	73,000	72,000
35	33,200	23,800	53,000	38,600	38,600	42,600	42,800	29,800	69,450	45,000	65,000	65,000
40	33,000	23,600	47,000	34,400	34,400	39,200	39,800	29,400	55,400	40,800	55,400	56,450
45	31,800	23,400	43,400	30,600	30,600	35,800	36,000	28,800	45,350	37,000	45,350	46,600
50	29,400	23,400	39,800	28,000	28,000	32,600	33,000	28,400		33,800	39,250	39,150
55	27,400	23,000	35,150	25,800	25,800	29,800	29,800	27,800		30,800	33,300	33,200
60	25,400	22,600	30,950	23,800	23,800	27,400	27,400	27,200				28,550
65	23,600	22,200	27,000	22,000	22,000	25,200	25,200	24,250				24,650
70	21,800	21,750	23,750	20,200	20,200	22,900	22,200	21,050				21,400
75	20,100	19,050		19,000	19,000	20,200	19,500	18,400				
80	17,800	16,750		17,800	17,800	17,850	17,200	16,100				
85	15,800	14,950		16,500	16,450	15,800	15,300	14,250				
90	14,200	13,200		14,750	14,750	14,100	13,550	12,500				
95	12,650	11,650			13,150	12,500	11,950	11,000				
100	11,250	10,300			11,750	11,100	10,550	9,610				
105	10,000	9,070				9,860	9,310	8,360				
110	8,870	7,940				8,730	8,180	7,230				
115	7,840	6,920				7,710	7,160	6,210				
120	6,910	5,990					6,230	5,290				
125	6,060	5,140					5,380	4,440				
130	5,280	4,360					4,610	3,670				
135	4,560	3,650					3,900	2,960				
140	3,900	2,990						2,310				
145	3,300	2,380						1,700				
150	2,740	1,820						1,150				
155		1,300										

80020671-3

(Section 3 of 4)

RATED LIFTING CAPACITIES IN POUNDS AT INTERMEDIATE BOOM LENGTHS (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1301**											
in Feet	88.7-104.5	118.8-134.4	134.4-150.1	87.9-103.4	103.4-119.0	119.0-134.7	88.3-103.9	103.9-119.5	119.5-135.2	135.2-150.9	103.9-119.6	119.6-135.3
I	0-50%	0%	0-50%	0%	0%	0-50%	0%	0%	0-50%	50-100%	0-50%	50-100%
II	50%	0-50%	50%	0%	0-50%	50%	0-50%	50-100%	100%	100%	50%	50%
III	50%	50%	50%	0-50%	50%	50%	50%	50%	50%	50%	50%	50%
IV	50%	100%	100%	50%	50%	50%	50%	50%	50%	50%	50%	50%
V	0%	100%	100%	100%	100%	100%	50%	50%	50%	50%	50%	50%
10	68,000			77,000			73,000					
12	68,000			72,200			73,000					
15	68,000			65,000	68,000		73,000	60,000			68,000	
20	68,000	48,000	41,800	55,000	61,000	57,000	73,000	60,000	60,000	37,800	68,000	50,000
25	68,000	43,000	41,800	48,000	54,200	55,000	70,000	59,000	59,000	37,400	68,000	49,000
30	68,000	38,600	40,400	42,000	48,300	50,000	62,000	56,000	56,000	37,000	68,000	48,000
35	66,400	34,800	37,000	37,600	43,450	45,000	55,000	49,000	49,000	36,200	61,000	46,000
40	55,000	31,000	33,800	33,800	39,500	41,400	50,000	44,000	44,000	35,600	55,550	45,000
45	45,200	28,200	30,600	30,200	36,100	38,200	45,000	40,000	40,000	34,600	47,000	43,600
50	37,800	26,000	28,400	27,600	33,250	35,400	40,950	36,600	36,600	33,800	39,550	38,050
55	32,050	24,200	26,200	25,600	30,800	32,800	35,100	33,400	33,400	32,100	33,700	32,250
60	27,500	22,400	24,600	23,800	28,650	30,200	30,500	29,600	28,850	27,650	29,150	27,750
65	23,600	20,800	23,000	22,200	26,800	26,600	26,550	25,800	25,050	23,850	25,350	24,000
70	20,400	19,400	21,600	20,800	24,700	23,400	23,300	22,600	21,900	20,700	22,150	20,850
75	17,650	18,200	20,200	19,600	21,900	20,700	20,550	19,850	19,200	18,000	19,400	18,150
80	15,400	17,000	18,950	18,800	19,550	18,350	18,150	17,450	16,850	15,750	17,050	15,850
85	13,350	15,200	16,950	18,050	17,450	16,300	16,150	15,500	14,950	13,900	15,100	13,900
90	11,600	14,200	15,300		15,750	14,600	14,400	13,700	13,150	12,100	13,300	12,150
95		13,400	13,700		14,150	13,000		12,150	11,550	10,550	11,700	10,550
100		12,800	12,250		12,750	11,600		10,750	10,150	9,170	10,300	9,190
105		12,000	11,000			10,350			8,930	7,920		7,940
110		10,900	9,880			9,230			7,800	6,800		6,820
115		9,910	8,850			8,210			6,780	5,780		5,810
120			7,920							4,860		
125			7,060							4,020		
130			6,290							3,250		
135			5,570							2,540		

80020671-4

(Section 4 of 4)

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (EXTENDING)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1301**												
in Feet	42.3-58.0	58.0-73.8	42.3-57.9	57.9-73.6	57.9-73.5	42.3-57.8	57.8-73.4	73.4-89.1	57.8-73.3	42.3-57.5	57.5-72.6	72.6-87.9	87.9-103.3
I	0-50%	50-100%	0%	0-50%	00%	0%	0%	0-50%	0%	0%	0%	0%	0%
II	0%	0%	0-50%	50%	50-100%	0%	0-50%	50%	0%	0%	0%	0%	0%
III	0%	0%	0%	0%	0%	0-50%	50%	50%	50-100%	0%	0%	0%	0%
IV	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0-50%	50-100%
V	0%	0%	0%	0%	0%	0%	0%	0%	0%	0-50%	50-100%	100%	100%
10	53,000	33,600	57,000	50,000	33,400	63,000	55,000	50,000	28,400	69,000	32,600	63,000	28,200
12	52,600	32,150	57,000	50,000	31,800	62,200	54,600	49,200	27,600	69,000	30,900	61,400	27,200
15	52,000	30,000	57,000	50,000	29,400	61,000	54,000	48,000	26,400	69,000	28,400	59,000	25,800
20	52,000	26,800	57,000	49,000	26,800	61,000	53,000	44,000	24,600	69,000	26,600	53,000	23,600
25	52,000	24,800	57,000	48,000	24,800	61,000	52,000	43,000	23,200	68,000	25,400	46,000	22,000
30	52,000	23,400	57,000	48,000	23,600	61,000	52,000	42,000	22,000	62,000	24,200	40,000	20,600
35	52,000	22,200	57,000	48,000	22,400	61,000	52,000	41,600	21,000	56,000	23,400	35,800	19,000
40	50,400	21,400	52,400	48,000	21,800	54,050	52,000	41,200	20,200	52,000	22,600	32,200	18,000
45	40,550	20,600	42,450	41,800	21,000	44,050	44,050	40,800	19,600	46,450	21,800	28,800	16,800
50		20,200		34,350	20,600		37,050	36,100	19,200		21,400	26,400	15,400
55		19,800		28,600	20,400		31,200	30,350	19,000		21,200	24,400	13,200
60								25,650				22,600	12,800
65								21,800				21,200	12,400
70								18,600				19,800	11,800
75								15,900					11,400
80													11,000
85													10,800
90													10,600

80021548-1

(Section 1 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (EXTENDING) (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1301**											
in Feet	103.3-118.8	118.8-134.3	134.3-149.9	149.9-165.5	165.5-181.1	181.1-196.9	57.5-72.8	72.8-88.1	88.1-103.6	103.6-119.1	119.1-134.7	134.7-150.3
I II III IV V	0% 0% 0-50% 100% 100%	0% 0% 50-100% 100% 100%	0% 0-50% 100% 100% 100%	0% 50-100% 100% 100% 100%	0-50% 100% 100% 100% 100%	50-100% 100% 100% 100% 100%	0% 0% 0% 0-50% 50%	0% 0% 0% 50-100% 50%	0% 0% 0-50% 100% 50%	0% 0% 50-100% 100% 50%	0% 0-50% 100% 100% 50%	0% 50-100% 100% 100% 50%
10							65,000	31,600	57,000			
12							63,800	29,750	56,200			
15	52,000						62,000	27,000	55,000	22,600		
20	45,000	20,200	36,400	20,600			60,000	25,000	53,000	20,600	46,000	21,000
25	39,000	18,200	36,400	18,600	24,200		59,000	23,400	48,700	18,800	41,200	18,800
30	34,200	16,600	34,400	16,800	24,200	15,400	57,000	22,000	42,700	17,000	36,200	17,000
35	30,200	14,000	30,400	14,000	24,200	12,200	51,000	20,600	37,900	14,400	32,600	14,200
40	27,000	12,400	27,400	12,200	24,200	11,000	45,000	19,600	34,000	12,600	28,400	12,200
45	24,400	11,400	25,000	11,200	24,200	9,800	41,200	18,600	30,400	11,800	25,800	11,200
50	22,400	10,600	22,600	10,200	24,200	9,000	37,800	17,800	27,800	11,000	23,600	10,200
55	20,600	10,000	20,800	9,400	23,400	8,000	35,150	17,000	25,600	10,400	21,400	9,400
60	19,000	9,400	19,200	8,600	21,800	7,400		16,200	23,600	9,800	19,800	8,800
65	17,600	8,600	17,600	8,000	20,400	6,400		16,000	21,800	9,400	18,400	8,000
70	16,400	8,200	16,400	7,600	19,200	5,800		13,800	20,400	8,600	17,200	7,400
75	15,200	7,800	15,000	6,800	18,000	5,400			18,800	8,000	15,600	7,000
80	13,600	7,400	13,400	6,400	17,000	4,800			17,600	7,800	14,000	6,400
85	12,800	6,800	12,600	6,000	16,000	4,200			16,600	7,200	13,000	5,800
90	12,200	6,600	11,800	5,600	14,800	3,800			15,600	7,200	12,000	5,600
95	12,000	6,200	11,000	5,000	13,450	3,600				6,600	11,400	5,000
100	12,000	6,000	10,400	4,800	12,100	3,000				6,600	10,800	4,800
105		5,600	10,000	4,400	10,850	2,600					10,000	4,600
110		5,600	9,200	4,000	9,720						9,800	4,000
115		5,000	8,800	3,800	8,690						9,050	4,000
120			8,400	3,400	7,750							3,600
125			8,160	3,200	6,890							3,400
130			7,380	3,000	6,110							3,000
135			6,660	2,800	5,390							3,000
140				2,600	4,730							
145				2,400	4,110							
150				2,200	3,550							
155					3,020							
160					2,530							

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(Section 2 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (EXTENDING) (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1301**											
in Feet	150.3-166.0	166.0-181.7	72.8-88.3	88.3-103.8	103.8-119.4	119.4-135.0	135.0-150.7	150.7-166.4	42.3-57.6	57.6-73.0	57.6-73.2	73.2-88.7
I II III IV V	0-50% 100% 100% 100% 50%	50-100% 100% 100% 100% 50%	0% 0% 0-50% 50% 50%	0% 0% 50-100% 50% 50%	0% 0-50% 100% 50% 50%	0% 50-100% 100% 50% 50%	0-50% 100% 100% 50% 50%	50-100% 100% 100% 50% 50%	0% 0% 0% 0-50% 0%	0% 0% 0% 50-100% 0%	0% 0% 0-50% 50% 0%	0% 0-50% 50% 50% 0%
10			58,000	25,600					67,000	33,200	59,000	54,000
12			57,200	24,700					66,600	31,800	58,600	53,200
15			56,000	23,400	51,000				66,000	29,800	58,000	52,000
20	31,600		55,000	21,400	49,000	21,200	41,600	19,800	66,000	27,000	57,000	51,000
25	31,600	17,800	53,000	19,600	46,000	19,400	39,800	18,000	66,000	25,400	56,000	50,000
30	31,600	15,400	53,000	18,200	41,200	17,600	38,200	15,600	66,000	24,200	56,000	49,000
35	31,600	12,400	50,000	16,800	36,600	14,600	36,800	12,400	66,000	23,200	55,000	48,000
40	31,400	11,000	45,000	15,400	32,800	12,800	35,600	11,200	55,400	22,600	55,000	47,000
45	30,200	10,000	41,200	12,600	29,200	11,800	34,200	10,200	45,350	21,800	45,350	46,600
50	28,000	8,800	37,800	12,000	26,800	10,800	31,400	9,200		21,400	39,250	39,150
55	26,000	8,000	35,150	11,400	24,600	10,200	28,400	8,000		21,000	33,300	33,200
60	24,200	7,200	30,950	10,800	22,600	9,200	26,000	7,400				28,550
65	22,400	6,200	27,000	10,400	21,000	8,600	24,000	6,600				24,650
70	20,800	6,000	23,750	10,000	19,400	8,000	22,200	5,800				21,400
75	19,400	5,200		9,800	18,200	7,400	19,500	5,200				
80	17,800	4,600		9,200	17,000	7,000	17,200	4,800				
85	15,800	4,000		9,200	16,000	6,400	15,300	4,000				
90	14,200	3,600		8,800	14,200	6,000	13,550	3,800				
95	12,650	3,000			12,800	5,600	11,950	3,200				
100	11,250	2,800			11,750	5,200	10,550	3,000				
105	10,000	2,200				4,800	9,310	2,400				
110	8,870					4,800	8,180					
115	7,840					4,800	7,160					
120	6,910						6,230					
125	6,060						5,380					
130	5,280						4,610					
135	4,560						3,900					
140	3,900											
145	3,300											
150	2,740											

80021548-3

(Section 3 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (EXTENDING) (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1301**											
in Feet	88.7-104.5	118.8-134.4	134.4-150.1	87.9-103.4	103.4-119.0	119.0-134.7	88.3-103.9	103.9-119.5	119.5-135.2	135.2-150.9	103.9-119.6	119.6-135.3
I	0-50%	0%	0-50%	0%	0%	0-50%	0%	0%	0-50%	50-100%	0-50%	50-100%
II	50%	0-50%	50%	0%	0-50%	50%	0-50%	50-100%	100%	100%	50%	50%
III	50%	50%	50%	0-50%	50%	50%	50%	50%	50%	50%	50%	50%
IV	50%	100%	100%	50%	50%	50%	50%	50%	50%	50%	50%	50%
V	0%	100%	100%	100%	100%	100%	50%	50%	50%	50%	50%	50%
10	51,000			57,000			54,000					
12	49,000			56,200			53,200					
15	46,000			55,000	51,000		52,000	24,400			45,000	
20	43,200	46,000	41,800	53,000	49,000	42,400	50,000	22,400	41,800	20,800	42,800	21,600
25	42,000	41,000	40,400	46,000	47,000	40,600	48,000	20,200	40,200	18,400	41,400	19,200
30	41,000	36,600	38,400	40,000	43,800	39,600	47,000	18,600	39,200	16,200	39,800	17,400
35	40,000	33,200	35,200	35,800	42,600	38,200	43,600	17,000	37,600	12,800	38,800	14,400
40	39,000	29,400	32,200	32,200	39,400	37,000	42,800	15,400	36,200	11,600	37,800	12,600
45	38,200	26,800	29,200	28,800	36,100	36,000	42,000	12,600	35,400	10,400	36,800	11,400
50	37,800	24,800	27,000	26,400	33,250	33,800	39,200	11,800	34,200	9,400	35,800	10,400
55	32,050	23,000	25,000	24,400	30,800	31,200	35,100	11,000	31,200	8,800	33,700	9,600
60	27,500	21,200	23,400	22,600	28,650	28,800	30,500	10,200	28,800	7,600	29,150	8,800
65	23,600	19,800	21,800	21,200	26,800	26,600	26,550	9,600	25,050	7,000	25,350	8,000
70	20,400	18,400	20,600	19,800	24,700	23,400	23,300	9,200	21,900	6,400	22,150	7,600
75	17,650	17,200	19,400	18,600	21,900	20,700	20,550	8,800	19,200	5,800	19,400	6,800
80	15,400	16,200	18,000	17,800	19,550	18,350	18,150	8,200	16,850	5,200	17,050	6,400
85	13,350	14,400	16,950	17,800	17,450	16,300	16,150	8,000	14,950	4,600	15,100	6,000
90	11,600	13,400	15,300		15,750	14,600	14,400	7,400	13,150	4,200	13,300	5,600
95		12,800	13,700		14,150	13,000		7,200	11,550	4,000	11,700	5,000
100		12,200	12,250		12,750	11,600		6,800	10,150	3,400	10,300	4,800
105		11,400	11,000			10,350			8,930	3,000		4,400
110		10,900	9,880			9,230			7,800	2,800		4,200
115		9,910	8,850			8,210			6,780	2,400		4,000
120			7,920							2,200		
125			7,060									
130			6,290									
135			5,570									

80021548-4

(Section 4 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (RETRACTING)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1301**												
in Feet	42.3-58.0	58.0-73.8	42.3-57.9	57.9-73.6	57.9-73.5	42.3-57.8	57.8-73.4	73.4-89.1	57.8-73.3	42.3-57.5	57.5-72.6	72.6-87.9	87.9-103.3
I	0-50%	50-100%	0%	0-50%	00%	0%	0%	0-50%	0%	0%	0%	0%	0%
II	0%	0%	0-50%	50%	50-100%	0%	0-50%	50%	0%	0%	0%	0%	0%
III	0%	0%	0%	0%	0%	0-50%	50%	50%	50-100%	0%	0%	0%	0%
IV	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0-50%	50-100%
V	0%	0%	0%	0%	0%	0%	0%	0%	0%	0-50%	50-100%	100%	100%
10	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	84,000	54,000	74,000	58,000
12	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	84,000	54,000	69,200	54,800
15	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	84,000	54,000	62,000	50,000
20	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	79,000	54,000	53,000	43,200
25	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	70,000	47,000	46,000	37,600
30	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	62,000	41,000	40,000	33,000
35	64,150	59,000	66,250	65,000	57,000	68,050	68,050	65,000	52,000	56,000	37,000	35,800	29,200
40	50,400	49,400	52,400	51,700	52,400	54,050	54,050	53,200	48,000	52,000	33,600	32,200	26,200
45	40,550	39,600	42,450	41,800	42,450	44,050	44,050	43,500	42,800	46,450	30,200	28,800	23,800
50		32,250		34,350	35,100		37,050	36,100	37,550		27,600	26,400	21,800
55		26,550		28,600	29,350		31,200	30,350	31,700		25,800	24,400	19,800
60								25,650				22,600	18,400
65								21,800				21,200	17,200
70								18,600				19,800	15,800
75								15,900					14,400
80													13,200
85													11,800
90													9,400

80021549-1

(Section 1 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (RETRACTING) (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1301**											
in Feet	103.3-118.8	118.8-134.3	134.3-149.9	149.9-165.5	165.5-181.1	181.1-196.9	57.5-72.8	72.8-88.1	88.1-103.6	103.6-119.1	119.1-134.7	134.7-150.3
I	0%	0%	0%	0%	0-50%	50-100%	0%	0%	0%	0%	0%	0%
II	0%	0%	0-50%	50-100%	100%	100%	0%	0%	0%	0%	0-50%	50-100%
III	0-50%	50-100%	100%	100%	100%	100%	0%	0%	0-50%	50-100%	100%	100%
IV	100%	100%	100%	100%	100%	100%	0-50%	50-100%	100%	100%	100%	100%
V	100%	100%	100%	100%	100%	100%	50%	50%	50%	50%	50%	50%
10							80,000	55,000	73,000			
12							80,000	55,000	69,400			
15	52,000						80,000	55,000	64,000	47,000		
20	45,000	35,200	36,400	26,000			74,000	51,000	56,000	46,000	46,000	31,600
25	39,000	34,800	36,400	26,000	24,200		64,000	44,000	48,700	41,200	41,200	31,600
30	34,200	33,000	34,400	26,000	24,200	18,600	57,000	38,400	42,700	36,200	36,200	31,600
35	30,200	29,400	30,400	26,000	24,200	18,600	51,000	34,400	37,900	32,600	32,600	31,600
40	27,000	26,400	27,400	26,000	24,200	18,400	45,000	30,200	34,000	28,400	28,400	31,200
45	24,400	24,000	25,000	25,800	24,200	18,400	41,200	27,400	30,400	25,800	25,800	29,000
50	22,400	22,000	22,600	24,200	24,200	18,400	37,800	25,200	27,800	23,600	23,600	26,200
55	20,600	20,200	20,800	20,800	23,400	18,000	35,150	23,200	25,600	21,400	21,400	21,000
60	19,000	18,200	19,200	16,600	21,800	15,600		21,400	23,600	19,400	19,800	16,800
65	17,600	15,800	17,600	15,400	20,400	14,800		20,000	21,800	16,000	18,400	15,600
70	16,400	15,400	16,400	14,200	19,200	11,600		16,800	20,400	15,600	17,200	14,000
75	15,200	13,800	15,000	11,200	18,000	8,600			18,800	14,000	15,600	10,800
80	13,600	11,200	13,400	9,000	17,000	6,600			17,600	11,200	14,000	8,400
85	12,800	9,200	12,600	7,000	16,000	4,800			16,600	9,000	13,000	6,400
90	12,200	7,600	11,800	5,600	14,800	3,200			15,600	7,200	12,000	5,000
95	12,000	6,200	11,000	4,200	13,450					5,800	11,400	3,600
100	12,000	5,000	10,400	3,200	12,100					4,400	10,800	2,400
105		4,000	10,000	2,200	10,850						10,000	
110		3,000	9,200		9,720						9,800	
115		2,200	8,800		8,690						9,050	
120			8,400		7,750							
125			8,160		6,890							
130			7,380		6,110							
135			6,660		5,390							
140					4,730							
145					4,110							
150					3,550							
155					3,020							
160					2,530							

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(Section 2 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (RETRACTING) (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1301**											
in Feet	150.3-166.0	166.0-181.7	72.8-88.3	88.3-103.8	103.8-119.4	119.4-135.0	135.0-150.7	150.7-166.4	42.3-57.6	57.6-73.0	57.6-73.2	73.2-88.7
I	0-50%	50-100%	0%	0%	0%	0%	0-50%	50-100%	0%	0%	0%	0%
II	100%	100%	0%	0%	0-50%	50-100%	100%	100%	0%	0%	0%	0-50%
III	100%	100%	0-50%	50-100%	100%	100%	100%	100%	0%	0%	0-50%	50%
IV	100%	100%	50%	50%	50%	50%	50%	50%	0-50%	50-100%	50%	50%
V	50%	50%	50%	50%	50%	50%	50%	50%	0%	0%	0%	0%
10			74,000	52,000					81,000	56,000	74,000	69,000
12			74,000	52,000					81,000	56,000	74,000	69,000
15			74,000	52,000	63,000				81,000	56,000	74,000	69,000
20	31,600		73,000	52,000	54,000	41,600	41,600	28,800	81,000	56,000	74,000	69,000
25	31,600	23,000	64,000	47,000	47,000	41,400	41,400	28,800	81,000	54,000	74,000	69,000
30	31,600	22,800	57,000	41,200	41,200	41,400	41,400	28,600	80,000	49,000	70,000	69,000
35	31,600	22,800	51,000	36,600	36,600	40,600	40,800	28,200	69,450	43,000	62,000	62,000
40	31,400	22,400	45,000	32,800	32,800	37,200	38,000	28,000	55,400	38,800	55,400	56,000
45	30,200	22,400	41,200	29,200	29,200	32,600	34,400	27,400	45,350	35,200	45,350	46,600
50	28,000	22,000	37,800	26,800	26,800	29,200	31,400	24,800		32,200	39,250	39,150
55	26,000	18,200	35,150	24,600	24,600	22,400	28,400	18,600		29,200	33,300	33,200
60	24,200	15,600	30,950	22,000	22,600	17,400	26,000	15,600				28,550
65	22,400	14,400	27,000	17,600	21,000	15,600	24,000	14,400				24,650
70	20,800	11,000	23,750	15,400	19,400	14,800	22,200	10,800				21,400
75	19,400	8,000		15,200	18,200	11,400	19,500	7,600				
80	17,800	5,600		12,200	17,000	8,600	17,200	5,200				
85	15,800	3,800		9,600	16,000	6,600	15,300	3,400				
90	14,200	2,200		7,200	14,200	5,000	13,550					
95	12,650				12,800	3,600	11,950					
100	11,250				11,750	2,400	10,550					
105	10,000						9,310					
110	8,870						8,180					
115	7,840						7,160					
120	6,910						6,230					
125	6,060						5,380					
130	5,280						4,610					
135	4,560						3,900					
140	3,900											
145	3,300											
150	2,740											

80021549-3

(Section 3 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (RETRACTING) (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius in Feet	Main Boom Length in Feet - SLI code **#1301**											
	88.7-104.5	118.8-134.4	134.4-150.1	87.9-103.4	103.4-119.0	119.0-134.7	88.3-103.9	103.9-119.5	119.5-135.2	135.2-150.9	103.9-119.6	119.6-135.3
I II III IV V	0-50% 50% 50% 50% 0%	0% 0-50% 50% 100% 100%	0-50% 50% 50% 100% 100%	0% 0% 0-50% 50% 100%	0% 0-50% 50% 50% 100%	0-50% 50% 50% 50% 100%	0% 0-50% 50% 50% 50%	0% 50-100% 50% 50% 50%	0-50% 100% 50% 50% 50%	50-100% 100% 50% 50% 50%	0-50% 50% 50% 50% 50%	50-100% 50% 50% 50% 50%
10	65,000			73,000			69,000					
12	65,000			68,600			69,000					
15	65,000			62,000	65,000		69,000	57,000			65,000	
20	65,000	46,000	41,800	53,000	58,000	57,000	69,000	57,000	57,000	36,000	65,000	47,000
25	65,000	41,000	41,200	46,000	53,000	53,000	67,000	56,000	56,000	35,600	65,000	47,000
30	65,000	36,600	38,400	40,000	48,000	48,000	59,000	53,000	53,000	35,200	64,000	46,000
35	65,000	33,200	35,200	35,800	43,200	43,200	53,000	47,000	47,000	34,600	58,000	44,000
40	55,000	29,400	32,200	32,200	39,400	39,400	47,000	42,200	42,200	33,800	53,000	42,800
45	45,200	26,800	29,200	28,800	36,100	36,400	42,600	37,000	38,200	31,800	47,000	35,400
50	37,800	24,800	27,000	26,400	33,250	33,800	39,200	30,800	34,800	26,650	39,550	30,200
55	32,050	23,000	25,000	24,400	30,800	31,200	35,100	25,600	31,800	19,800	33,700	23,000
60	27,500	21,200	23,400	22,600	28,650	28,800	30,500	20,000	28,800	15,600	29,150	17,600
65	23,600	19,800	21,800	21,200	26,800	26,600	26,550	15,800	25,050	15,200	25,350	15,400
70	20,400	18,400	20,600	19,800	24,700	23,400	23,300	15,400	21,900	11,600	22,150	14,400
75	17,650	17,200	19,400	18,600	21,900	20,700	20,550	13,400	19,200	8,200	19,400	10,600
80	15,400	16,200	18,000	17,800	19,550	18,350	18,150	10,200	16,850	5,800	17,050	8,000
85	13,350	14,400	16,950	17,800	17,450	16,300	16,150	7,800	14,950	3,800	15,100	5,600
90	11,600	13,400	15,300		15,750	14,600	14,400	6,000	13,150	2,200	13,300	3,800
95		12,800	13,700		14,150	13,000		4,200	11,550		11,700	2,200
100		12,200	12,250		12,750	11,600		2,600	10,150		10,300	
105		11,400	11,000			10,350			8,930			
110		10,900	9,880			9,230			7,800			
115		9,910	8,850			8,210			6,780			
120			7,920									
125			7,060									
130			6,290									
135			5,570									

80021549-4

(Section 4 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. MANUAL EXTENSION AT 0° FIXED OFFSET ANGLE
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3350									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
20	31,400	26,400	28,600							
25	31,400	26,400	28,600	20,600	24,200					
30	31,400	26,400	28,600	20,600	24,200	16,400	19,200	13,400	14,600	
35	31,400	26,400	28,600	20,600	24,200	16,400	19,200	13,400	14,600	11,600
40	31,200	26,400	28,600	20,600	24,200	16,400	19,200	13,400	14,600	11,600
45	30,400	26,400	28,400	20,600	24,200	16,400	19,200	13,400	14,600	11,600
50	29,600	25,000	28,000	20,600	24,200	16,400	19,200	13,400	14,600	11,600
55	28,800	23,600	27,400	20,000	24,200	16,400	19,200	13,400	14,600	11,600
60	28,000	22,200	26,800	19,000	24,200	16,400	19,200	13,400	14,600	11,600
65	26,350	21,000	24,850	18,000	24,100	16,400	19,200	13,400	14,600	11,600
70	23,150	19,800	21,650	16,800	21,200	15,600	19,200	13,400	14,600	11,600
75	20,400	18,800	18,950	15,600	18,500	14,600	18,500	13,400	14,600	11,600
80	18,100	17,800	16,650	14,400	16,200	13,400	16,200	13,400	14,600	11,600
85	16,050	16,600	14,800	13,400	14,350	12,600	14,400	13,000	14,600	11,600
90	14,400	15,000	13,050	12,800	12,600	11,800	12,650	12,400	12,950	11,600
95	12,850	13,450	11,450	12,200	11,050	11,200	11,100	11,800	11,400	11,600
100	11,450	12,050	10,100	11,600	9,700	10,600	9,740	11,200	10,050	10,550
105	10,200	10,800	8,880	11,000	8,470	10,000	8,500	10,350	8,830	9,340
110	9,130	9,700	7,770	9,890	7,360	9,600	7,390	9,240	7,720	8,230
115	8,120	8,690	6,770	8,880	6,360	8,960	6,390	8,220	6,720	7,220
120	7,210	7,770	5,860	7,950	5,450	8,040	5,480	7,300	5,800	6,300
125	6,380	6,930	5,030	7,110	4,620	7,190	4,650	6,460	4,970	5,470
130	5,620	6,170	4,280	6,340	3,860	6,420	3,890	5,690	4,210	4,700
135	4,930	5,460	3,580	5,630	3,170	5,710	3,190	4,980	3,500	4,000
140		4,820	2,940	4,980	2,530	5,060	2,550	4,330	2,860	3,350
145		4,220	2,360	4,380	1,930	4,450	1,950	3,720	2,260	2,740
150		3,670	1,810	3,830	1,390	3,890	1,400	3,160	1,710	2,190
155		3,170	1,320	3,310		3,370		2,640	1,190	1,670
160				2,830		2,890		2,160		1,190
165				2,390		2,440		1,710		
170				1,980		2,020		1,290		
175						1,630				
180						1,260				

80020746

RATED LIFTING CAPACITIES IN POUNDS
36 FT. MANUAL EXTENSION AT 20° FIXED OFFSET ANGLE
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3351									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
30	28,000									
35	27,200	24,600	25,800							
40	26,400	24,200	25,200	20,600	23,200	16,400	19,200			
45	25,400	23,400	24,800	20,600	22,800	16,400	19,200	13,400	14,600	
50	24,400	22,200	24,400	20,000	22,600	16,400	19,200	13,400	14,600	11,600
55	23,400	21,000	23,800	19,000	22,400	16,400	19,200	13,400	14,600	11,600
60	22,400	20,000	23,000	17,800	22,000	16,400	19,200	13,400	14,600	11,600
65	21,600	19,000	22,200	16,000	21,800	15,800	19,200	13,400	14,600	11,600
70	21,000	18,000	21,600	15,200	21,600	14,800	19,200	13,400	14,600	11,600
75	20,200	16,800	20,500	14,400	20,100	14,000	19,000	13,400	14,600	11,600
80	19,300	15,800	18,000	13,600	17,650	13,200	17,700	13,400	14,600	11,600
85	17,150	15,000	15,900	13,000	15,700	12,400	15,750	12,800	14,400	11,600
90	15,400	14,400	14,150	12,400	13,850	11,800	13,900	12,200	13,800	11,600
95	13,700	13,800	12,500	11,800	12,200	11,200	12,250	11,600	12,600	11,600
100	12,250	12,850	11,050	11,200	10,700	10,600	10,800	11,000	11,150	11,400
105	10,900	11,550	9,730	10,600	9,410	10,000	9,500	10,600	9,840	10,350
110	9,730	10,350	8,540	10,200	8,220	9,600	8,320	10,000	8,660	9,160
115	8,640	9,280	7,460	9,530	7,150	9,000	7,240	9,010	7,590	8,090
120	7,650	8,300	6,470	8,550	6,170	8,600	6,260	8,030	6,610	7,120
125	6,740	7,400	5,570	7,650	5,270	7,780	5,370	7,130	5,720	6,230
130	5,900	6,570	4,750	6,820	4,450	6,960	4,550	6,310	4,900	5,410
135	5,130	5,810	3,980	6,060	3,690	6,200	3,790	5,550	4,150	4,660
140		5,100	3,270	5,360	2,990	5,500	3,090	4,860	3,450	3,960
145		4,440	2,610	4,710	2,340	4,860	2,450	4,210	2,800	3,320
150		3,830	2,000	4,110	1,730	4,250	1,850	3,610	2,210	2,720
155		3,250	1,410	3,540	1,160	3,690	1,280	3,050	1,650	2,160
160				3,010		3,170		2,530	1,120	1,640
165				2,510		2,680		2,040		1,150
170				2,040		2,210		1,580		
175						1,780		1,150		
180						1,370				

80020747

RATED LIFTING CAPACITIES IN POUNDS
36 FT. MANUAL EXTENSION AT 40° FIXED OFFSET ANGLE
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3352									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
40	21,000	20,800	21,000							
45	20,400	20,400	20,600	19,400	20,400					
50	20,000	19,800	20,200	19,200	20,200	16,400	18,600	13,400	14,600	
55	19,400	19,200	19,800	18,400	19,800	16,400	18,600	13,400	14,600	11,600
60	19,000	18,600	19,200	17,400	19,400	16,400	18,600	13,400	14,600	11,600
65	18,600	17,800	18,800	15,600	19,000	15,400	18,400	13,400	14,600	11,600
70	18,200	17,000	18,400	14,800	18,600	14,600	18,200	13,400	14,600	11,600
75	17,800	16,000	18,200	14,000	18,400	14,000	18,000	13,400	14,600	11,600
80	17,600	15,200	17,800	13,400	18,000	13,400	17,800	13,400	14,600	11,600
85	17,000	14,400	16,750	12,800	16,500	12,600	16,600	13,000	14,400	11,600
90	15,900	14,000	14,950	12,200	14,700	12,000	14,850	12,400	13,800	11,600
95	14,250	13,400	13,200	11,600	12,950	11,400	13,100	11,800	13,200	11,600
100	12,650	13,000	11,600	11,200	11,400	10,800	11,550	11,200	11,900	11,400
105	11,250	12,000	10,200	10,600	10,000	10,200	10,150	10,600	10,500	11,000
110	9,990	10,700	8,960	10,200	8,750	9,800	8,910	10,200	9,290	9,820
115	8,820	9,580	7,810	9,800	7,610	9,200	7,770	9,520	8,160	8,690
120	7,750	8,530	6,750	8,870	6,560	8,800	6,730	8,490	7,130	7,660
125		7,570	5,780	7,920	5,600	8,120	5,780	7,550	6,180	6,720
130		6,680	4,880	7,040	4,720	7,250	4,900	6,680	5,310	5,860
135		5,860	4,050	6,240	3,900	6,450	4,100	5,880	4,510	5,060
140				5,480	3,140	5,710	3,350	5,140	3,770	4,320
145				4,790	2,430	5,020	2,650	4,460	3,080	3,640
150						4,380	2,000	3,820	2,440	3,000
155						3,780	1,390	3,220	1,840	2,410
160								2,660	1,280	1,850
165								2,140		1,330
170								1,640		

80020748

RATED LIFTING CAPACITIES IN POUNDS
59 FT. MANUAL EXTENSION AT 0° FIXED OFFSET ANGLE
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3360									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
25	14,800									
30	14,800	12,800	13,800	11,000	12,600					
35	14,600	12,800	13,800	11,000	12,600	9,400	11,000			
40	14,400	12,800	13,800	11,000	12,600	9,400	11,000	8,400	9,000	7,730
45	14,200	12,800	13,800	11,000	12,600	9,400	11,000	8,400	9,000	7,730
50	14,000	12,800	13,600	11,000	12,600	9,400	11,000	8,400	9,000	7,730
55	13,800	12,800	13,400	11,000	12,600	9,400	11,000	8,400	9,000	7,730
60	13,600	12,600	13,200	11,000	12,400	9,400	11,000	8,400	9,000	7,730
65	13,400	12,400	13,000	11,000	12,200	9,400	11,000	8,400	9,000	7,730
70	13,000	12,400	12,800	11,000	12,200	9,400	11,000	8,400	9,000	7,730
75	12,800	12,200	12,600	11,000	12,000	9,400	11,000	8,400	9,000	7,730
80	12,600	12,000	12,400	11,000	12,000	9,400	11,000	8,400	9,000	7,730
85	12,400	11,800	12,400	11,000	11,800	9,400	11,000	8,400	9,000	7,730
90	12,200	11,800	12,200	10,800	11,600	9,400	11,000	8,400	9,000	7,730
95	11,800	11,600	12,000	10,400	11,600	9,400	10,800	8,400	9,000	7,730
100	11,600	11,200	11,300	10,000	10,750	9,400	10,650	8,400	9,000	7,730
105	11,400	10,800	10,050	9,600	9,540	9,200	9,450	8,400	9,000	7,730
110	10,250	10,400	8,920	9,000	8,420	8,600	8,330	8,400	8,520	7,730
115	9,240	9,610	7,910	8,600	7,410	8,200	7,320	8,400	7,500	7,730
120	8,320	8,670	6,990	8,200	6,490	7,800	6,400	7,940	6,580	6,950
125	7,470	7,820	6,140	7,870	5,640	7,400	5,550	7,090	5,740	6,110
130	6,700	7,050	5,370	7,090	4,880	7,000	4,780	6,310	4,970	5,330
135	5,990	6,330	4,670	6,370	4,170	6,340	4,080	5,600	4,260	4,620
140	5,330	5,670	4,020	5,710	3,520	5,680	3,420	4,940	3,600	3,960
145	4,730	5,060	3,410	5,100	2,910	5,070	2,820	4,330	3,000	3,360
150	4,170	4,500	2,860	4,540	2,360	4,500	2,260	3,760	2,440	2,790
155	3,660	3,980	2,340	4,010	1,840	3,980	1,740	3,240	1,920	2,270
160	3,180	3,490	1,860	3,520	1,360	3,480	1,260	2,740	1,430	1,780
165		3,040	1,410	3,060		3,030		2,290		1,320
170		2,620	1,000	2,640		2,600		1,860		
175		2,230		2,240		2,200		1,460		
180				1,870		1,820		1,080		
185				1,520		1,470				
190				1,200		1,130				

80020749

RATED LIFTING CAPACITIES IN POUNDS
59 FT. MANUAL EXTENSION AT 20° FIXED OFFSET ANGLE
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3361									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
45	12,600									
50	12,400	11,800	12,200	11,000	11,600					
55	12,000	11,600	12,000	11,000	11,400	9,400	10,800	8,400	9,000	
60	11,800	11,400	11,800	10,800	11,400	9,400	10,600	8,400	9,000	8,000
65	11,600	11,200	11,600	10,800	11,200	9,400	10,600	8,400	9,000	8,000
70	11,400	11,000	11,400	10,600	11,200	9,400	10,600	8,400	9,000	8,000
75	11,200	11,000	11,200	10,600	11,000	9,400	10,400	8,400	9,000	8,000
80	11,000	10,800	11,000	10,400	10,800	9,400	10,400	8,400	9,000	8,000
85	10,800	10,600	10,800	10,200	10,600	9,400	10,400	8,400	9,000	8,000
90	10,600	10,400	10,600	10,000	10,600	9,400	10,200	8,400	9,000	8,000
95	10,400	10,200	10,400	9,800	10,400	9,400	10,200	8,400	9,000	8,000
100	10,200	10,200	10,400	9,600	10,200	9,400	10,000	8,400	9,000	8,000
105	10,000	9,800	10,200	9,200	10,200	9,200	10,000	8,400	9,000	8,000
110	9,800	9,600	10,000	8,800	10,000	8,800	9,800	8,400	9,000	8,000
115	9,600	9,400	9,280	8,400	8,900	8,400	8,880	8,400	9,000	8,000
120	9,350	9,200	8,240	8,000	7,870	8,000	7,850	8,400	8,060	8,000
125	8,400	8,800	7,300	7,800	6,930	7,600	6,920	8,000	7,130	7,490
130	7,530	7,960	6,430	7,400	6,070	7,200	6,050	7,490	6,270	6,640
135	6,720	7,160	5,630	7,200	5,270	6,800	5,260	6,700	5,480	5,850
140	5,980	6,430	4,890	6,550	4,530	6,590	4,520	5,970	4,750	5,120
145	5,280	5,740	4,200	5,870	3,840	5,920	3,840	5,290	4,070	4,450
150	4,630	5,100	3,550	5,240	3,210	5,290	3,210	4,660	3,440	3,820
155	4,010	4,500	2,950	4,650	2,610	4,700	2,620	4,070	2,850	3,230
160	3,420	3,940	2,380	4,100	2,050	4,150	2,060	3,530	2,300	2,690
165		3,410	1,850	3,580	1,530	3,630	1,540	3,010	1,790	2,170
170		2,910	1,340	3,090	1,030	3,150	1,060	2,530	1,300	1,690
175		2,430		2,630		2,700		2,080		1,240
180				2,190		2,260		1,650		
185				1,770		1,860		1,240		
190				1,360		1,470				
195						1,100				

80020750

RATED LIFTING CAPACITIES IN POUNDS
59 FT. MANUAL EXTENSION AT 40° FIXED OFFSET ANGLE
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3362									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
60	10,400	10,200	10,400							
65	10,200	10,000	10,200							
70	10,000	10,000	10,000	9,800	10,000	9,400	10,000			
75	9,800	9,800	9,800	9,800	10,000	9,400	9,800	8,400	9,000	
80	9,600	9,600	9,800	9,600	9,800	9,400	9,800	8,400	9,000	8,000
85	9,600	9,600	9,600	9,600	9,600	9,400	9,600	8,400	9,000	8,000
90	9,400	9,400	9,400	9,400	9,600	9,400	9,600	8,400	9,000	8,000
95	9,400	9,400	9,400	9,400	9,400	9,200	9,400	8,400	9,000	8,000
100	9,200	9,200	9,200	9,200	9,400	9,200	9,400	8,400	9,000	8,000
105	9,200	9,200	9,200	9,000	9,200	9,000	9,200	8,400	9,000	8,000
110	9,000	9,000	9,200	8,800	9,200	8,800	9,200	8,400	9,000	8,000
115	9,000	9,000	9,000	8,400	9,200	8,600	9,200	8,400	9,000	8,000
120	9,000	8,800	9,000	8,200	8,870	8,200	8,920	8,400	9,000	8,000
125	8,800	8,600	8,070	7,800	7,830	7,800	7,900	8,200	8,160	8,000
130	7,990	8,400	7,100	7,600	6,870	7,600	6,950	7,800	7,220	7,610
135	7,080	7,660	6,200	7,200	5,990	7,200	6,070	7,470	6,350	6,740
140	6,230	6,840	5,370	7,000	5,160	6,800	5,260	6,680	5,540	5,950
145	5,420	6,080	4,580	6,330	4,390	6,460	4,500	5,940	4,800	5,210
150		5,350	3,850	5,630	3,670	5,770	3,790	5,250	4,100	4,520
155		4,670	3,150	4,970	3,000	5,120	3,130	4,610	3,440	3,880
160				4,350	2,360	4,510	2,510	4,000	2,830	3,270
165				3,760	1,750	3,940	1,920	3,430	2,260	2,700
170				3,200	1,170	3,400	1,360	2,900	1,710	2,170
175						2,890		2,390	1,200	1,660
180						2,400		1,910		1,190
185								1,460		
190								1,020		

80020751

RATED LIFTING CAPACITIES IN POUNDS AT FIXED BOOM LENGTHS
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 0% EXTENDED (fully retracted) - 360°

Radius	Main Boom Length in Feet - SLI code #1303																		
in Feet	42.3	57.5	57.6	57.8	57.9	58.0	72.6	72.8	73.0	73.2	73.3	73.4	73.5	73.6	73.8	87.9	88.3	88.7	89.1
Sect I	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	50%	100%	0%	0%	0%	50%
Sect II	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	50%	50%
Sect III	0%	0%	0%	50%	0%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	0%	50%	50%	50%
Sect IV	0%	0%	50%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	0%	0%	50%	50%	50%	0%
Sect V	0%	50%	0%	0%	0%	0%	100%	50%	0%	0%	0%	0%	0%	0%	0%	100%	50%	0%	0%
15	131,500				128,000	125,000							88,000	117,000	83,000				111,000
20	92,350	83,000	91,450	89,750	87,650	85,200			67,000	87,550	83,000	84,550	82,050	81,000	78,150			82,450	78,400
25	63,550	68,450	67,300	65,900	64,150	62,150	49,000	68,000	58,000	66,200	64,100	63,400	61,100	60,150	57,550	48,000	65,850	62,700	59,000
30	46,700	51,300	50,200	48,900	47,300	45,450	43,400	53,650	51,000	51,700	49,950	49,400	47,250	46,350	43,900	42,200	52,650	49,700	46,150
35		40,050	39,000	37,750	36,200	34,400	38,800	42,250	40,750	40,450	38,750	38,200	36,350	35,550	33,450	37,600	42,800	40,250	36,950
40		32,050	31,050	29,850	28,350	26,600	34,350	34,200	32,750	32,400	30,900	30,350	28,500	27,800	25,750	33,800	34,750	32,300	29,500
45		26,100	25,100	23,950	22,500	20,800	28,400	28,250	26,850	26,500	24,950	24,450	22,650	21,950	19,950	30,200	28,800	26,400	23,600
50							23,750	23,600	22,200	21,900	20,350	19,850	18,100	17,400	15,550	25,500	24,100	21,800	19,050
55							20,050	19,900	18,500	18,200	16,700	16,200	14,550	13,850	11,950	21,800	20,400	18,150	15,500
60																18,750	17,400	15,200	12,500
65																16,200	14,950	12,700	10,050
70																14,150	12,800	10,600	7,990
75																			6,210

Radius	Main Boom Length in Feet - SLI code #1303																
in Feet	103.3	103.9	104.5	118.8	119.0	119.6	134.3	134.7	135.3	149.9	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	0%	0%	50%	0%	0%	50%	0%	50%	100%	0%	50%	100%	0%	100%	50%	100%	100%
Sect II	0%	50%	50%	0%	50%	50%	0%	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	0%	50%	50%	50%	50%	50%	100%	50%	50%	100%	50%	50%	100%	100%	100%	100%	100%
Sect IV	100%	50%	50%	100%	50%	50%	100%	50%	50%	100%	100%	50%	100%	50%	100%	100%	100%
Sect V	100%	50%	0%	100%	100%	50%	100%	100%	50%	100%	100%	50%	100%	50%	100%	50%	100%
20			76,600			75,250			62,000			45,000					
25	41,000	62,350	58,450		56,000	58,150	40,000	56,000	54,200	36,400	41,800	45,000	29,800	35,200			
30	36,200	49,950	46,250	38,800	49,800	46,600	36,000	46,550	43,300	36,200	40,800	41,650	29,800	35,200	24,200	25,600	22,000
35	31,800	41,100	37,550	35,000	41,300	38,200	32,200	38,500	35,400	33,400	38,000	34,100	29,800	33,500	24,200	25,600	22,000
40	28,400	34,150	30,950	31,000	34,850	31,850	28,800	32,350	29,350	30,200	32,200	28,300	29,800	27,900	24,200	25,600	22,000
45	25,800	28,350	25,400	28,400	29,650	26,900	26,200	27,550	24,600	27,800	27,500	23,750	27,300	23,500	24,200	23,650	22,000
50	23,600	23,700	20,800	26,200	25,100	22,550	23,800	23,650	20,750	25,100	23,750	20,050	23,600	19,900	22,250	20,150	20,600
55	21,800	20,000	17,150	22,550	21,350	18,850	22,000	20,150	17,600	21,900	20,600	16,950	20,600	16,900	19,350	17,200	17,750
60	19,100	16,950	14,250	19,500	18,300	15,850	19,200	17,150	14,800	18,900	17,750	14,400	18,000	14,400	16,850	14,750	15,350
65	16,550	14,550	11,750	16,950	15,750	13,450	16,650	14,750	12,300	16,450	15,450	12,150	15,750	12,250	14,700	12,650	13,250
70	14,500	12,400	9,690	14,900	13,750	11,350	14,600	12,650	10,200	14,450	13,300	10,200	13,750	10,350	12,900	10,850	11,500
75	12,650	10,600	7,890	13,100	11,900	9,560	12,800	10,800	8,430	12,600	11,500	8,410	11,950	8,730	11,250	9,260	9,940
80	11,100	9,050	6,350	11,500	10,350	8,000	11,200	9,260	6,870	11,000	9,920	6,850	10,350	7,270	9,770	7,820	8,560
85	9,730	7,680	4,990	10,100	8,980	6,630	9,830	7,890	5,520	9,640	8,540	5,490	8,980	5,930	8,390	6,540	7,300
90	8,520	6,480	3,800	8,910	7,760	5,430	8,610	6,680	4,320	8,420	7,330	4,300	7,760	4,730	7,170	5,400	6,170
95				7,830	6,690	4,370	7,530	5,610	3,260	7,330	6,250	3,240	6,680	3,670	6,100	4,360	5,160
100				6,870	5,730	3,420	6,570	4,650	2,310	6,370	5,290	2,290	5,720	2,720	5,130	3,400	4,230
105							5,700	3,800	1,460	5,500	4,430	1,440	4,850	1,860	4,270	2,550	3,370
110							4,920	3,020		4,720	3,650		4,070	1,090	3,490	1,770	2,600
115							4,210	2,320		4,010	2,940		3,360		2,780	1,070	1,890
120										3,360	2,300		2,710		2,130		1,240
125										2,770	1,710		2,120		1,540		
130										2,230	1,170		1,580		1,000		
135										1,740			1,080				

80020669A

RATED LIFTING CAPACITIES IN POUNDS AT INTERMEDIATE BOOM LENGTHS
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 0% EXTENDED (fully retracted) - 360°

Radius	Main Boom Length in Feet - SLI code **#1303**												
in Feet	42.3-58.0	58.0-73.8	42.3-57.9	57.9-73.6	57.9-73.5	42.3-57.8	57.8-73.4	73.4-89.1	57.8-73.3	42.3-57.5	57.5-72.6	72.6-87.9	87.9-103.3
I II III IV V	0-50% 0% 0% 0% 0%	50-100% 0% 0% 0% 0%	0% 0-50% 0% 0% 0%	0-50% 50% 0% 0% 0%	00% 50-100% 0% 0% 0%	0% 0% 0-50% 0% 0%	0% 0-50% 50% 0% 0%	0-50% 50% 50% 0% 0%	0% 0% 50-100% 0% 0%	0% 0% 0% 0% 0-50%	0% 0% 0% 0% 50-100%	0% 0% 0% 0-50% 100%	0% 0% 0% 50-100% 100%
15	69,000	62,000	74,000	68,000	60,000								
20	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	83,000			
25	62,150	57,550	63,550	60,150	60,000	63,550	63,400	59,000	55,000	63,550	49,000	48,000	39,600
30	45,450	43,900	46,700	46,350	47,250	46,700	48,900	46,150	48,900	46,700	43,000	42,000	34,800
35	34,400	33,450	36,200	35,550	36,200	37,750	37,750	36,950	37,750	40,050	38,800	37,600	30,600
40	26,600	25,750	28,350	27,800	28,350	29,850	29,850	29,500	29,850	32,050	32,050	33,800	27,400
45	20,800	19,950	22,500	21,950	22,500	23,950	23,950	23,600	23,950	26,100	26,100	28,400	25,000
50		15,550		17,400	18,100		19,850	19,050	20,350		23,750	23,750	22,800
55		11,950		13,850	14,550		16,200	15,500	16,700		20,050	20,050	20,800
60								12,500				18,750	18,750
65								10,050				16,200	16,200
70								7,990				14,150	14,150
75								6,210					12,650
80													11,100
85													9,730
90													8,520

80020674A-1

(Section 1 of 4)

RATED LIFTING CAPACITIES IN POUNDS AT INTERMEDIATE BOOM LENGTHS (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 0% EXTENDED (fully retracted) - 360°

Radius	Main Boom Length in Feet - SLI code **#1303**											
in Feet	103.3-118.8	118.8-134.3	134.3-149.9	149.9-165.5	165.5-181.1	181.1-196.9	57.5-72.8	72.8-88.1	88.1-103.6	103.6-119.1	119.1-134.7	134.7-150.3
I II III IV V	0% 0% 0-50% 100% 100%	0% 0% 50-100% 100% 100%	0% 0-50% 100% 100% 100%	0% 50-100% 100% 100% 100%	0-50% 100% 100% 100% 100%	50-100% 100% 100% 100% 100%	0% 0% 0% 0-50% 50%	0% 0% 0% 50-100% 50%	0% 0% 0-50% 100% 50%	0% 0% 50-100% 100% 50%	0% 0-50% 100% 100% 50%	0% 50-100% 100% 100% 50%
25			36,400	27,400	25,400		68,000	46,000	48,700	43,200	43,200	33,200
30	36,000	34,600	36,000	27,400	24,200	19,400	51,300	40,400	42,700	38,000	38,000	33,200
35	31,800	30,800	32,000	27,400	24,200	19,400	40,050	36,000	37,900	34,200	34,200	33,200
40	28,400	27,800	28,800	27,400	24,200	19,400	32,050	31,800	34,000	29,800	29,800	31,600
45	25,600	25,200	26,200	27,200	24,200	19,200	26,100	28,250	29,050	27,200	27,200	26,950
50	23,600	23,000	23,800	23,600	22,250	19,200	23,600	23,600	24,400	24,800	24,650	23,200
55	21,600	21,200	21,800	20,600	19,350	17,750	19,900	19,900	20,650	21,200	21,050	20,100
60	19,100	19,200	18,900	18,000	16,850	15,350		17,650	17,650	18,150	18,050	17,300
65	16,550	16,650	16,450	15,750	14,700	13,250		15,150	15,150	15,700	15,600	15,000
70	14,500	14,600	14,450	13,750	12,900	11,500		13,050	13,050	13,600	13,500	12,850
75	12,650	12,800	12,600	11,950	11,250	9,940			11,250	11,750	11,650	11,050
80	11,100	11,200	11,000	10,350	9,770	8,560			10,350	10,200	10,100	9,470
85	9,730	9,830	9,640	8,980	8,390	7,300			9,010	8,820	8,720	8,100
90	8,520	8,610	8,420	7,760	7,170	6,170			7,810	7,610	7,510	6,890
95	7,830	7,530	7,330	6,680	6,100	5,160				6,540	6,440	5,810
100	6,870	6,570	6,370	5,720	5,130	4,230				5,580	5,470	4,850
105		5,700	5,500	4,850	4,270	3,370					4,610	3,990
110		4,920	4,720	4,070	3,490	2,600					3,840	3,210
115		4,210	4,010	3,360	2,780	1,890					3,130	2,510
120			3,360	2,710	2,130	1,240						1,870
125			2,770	2,120	1,540							1,280
130			2,230	1,580	1,000							
135			1,740	1,080								

80020674A-2

(Section 2 of 4)

RATED LIFTING CAPACITIES IN POUNDS AT INTERMEDIATE BOOM LENGTHS (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 0% EXTENDED (fully retracted) - 360°

Radius	Main Boom Length in Feet - SLI code **#1303**											
in Feet	150.3-166.0	166.0-181.7	72.8-88.3	88.3-103.8	103.8-119.4	119.4-135.0	135.0-150.7	150.7-166.4	42.3-57.6	57.6-73.0	57.6-73.2	73.2-88.7
I	0-50%	50-100%	0%	0%	0%	0%	0-50%	50-100%	0%	0%	0%	0%
II	100%	100%	0%	0%	0-50%	50-100%	100%	100%	0%	0%	0%	0-50%
III	100%	100%	0-50%	50-100%	100%	100%	100%	100%	0%	0%	0-50%	50%
IV	100%	100%	50%	50%	50%	50%	50%	50%	0-50%	50-100%	50%	50%
V	50%	50%	50%	50%	50%	50%	50%	50%	0%	0%	0%	0%
20							43,800	30,400	85,000	58,000	78,000	73,000
25	33,200	24,200	65,850	49,000	49,000	43,600	43,600	30,400	63,550	57,000	66,200	62,700
30	33,200	23,800	52,650	43,200	43,200	43,400	43,400	30,000	46,700	50,200	50,200	49,700
35	33,200	23,800	42,250	38,600	38,600	37,850	35,850	29,800	39,000	39,000	39,000	40,250
40	29,950	23,600	34,200	34,400	33,600	31,750	30,050	27,900	31,050	31,050	31,050	32,300
45	25,500	23,400	28,250	28,700	28,600	26,950	25,400	23,500	25,100	25,100	25,100	26,400
50	21,850	20,150	23,600	24,050	24,050	23,050	21,700	19,900		22,200	21,900	21,800
55	18,850	17,200	19,900	20,350	20,300	19,600	18,600	16,900		18,500	18,200	18,150
60	16,300	14,750	17,400	17,300	17,300	16,650	16,000	14,400				15,200
65	14,150	12,650	14,950	14,850	14,850	14,250	13,700	12,250				12,700
70	12,250	10,850	12,800	12,750	12,750	12,150	11,600	10,350				10,600
75	10,450	9,260		10,950	10,950	10,300	9,790	8,730				
80	8,910	7,820		9,380	9,380	8,770	8,230	7,270				
85	7,540	6,540		8,010	8,010	7,400	6,860	5,930				
90	6,330	5,400		6,810	6,800	6,190	5,660	4,730				
95	5,260	4,360			5,730	5,120	4,590	3,670				
100	4,300	3,400			4,780	4,170	3,640	2,720				
105	3,440	2,550				3,310	2,780	1,860				
110	2,670	1,770				2,540	2,010	1,090				
115	1,960	1,070				1,840	1,310					
120	1,320											

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(Section 3 of 4)

RATED LIFTING CAPACITIES IN POUNDS AT INTERMEDIATE BOOM LENGTHS (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 0% EXTENDED (fully retracted) - 360°

Radius	Main Boom Length in Feet - SLI code **#1303**											
in Feet	88.7-104.5	118.8-134.4	134.4-150.1	87.9-103.4	103.4-119.0	119.0-134.7	88.3-103.9	103.9-119.5	119.5-135.2	135.2-150.9	103.9-119.6	119.6-135.3
I II III IV V	0-50% 50% 50% 50% 0%	0% 0-50% 50% 100% 100%	0-50% 50% 50% 100% 100%	0% 0% 0-50% 50% 100%	0% 0-50% 50% 50% 100%	0-50% 50% 50% 50% 100%	0% 0-50% 50% 50% 50%	0% 50-100% 50% 50% 50%	0-50% 100% 50% 50% 50%	50-100% 100% 50% 50% 50%	0-50% 50% 50% 50% 50%	50-100% 50% 50% 50% 50%
20	68,000								60,000	37,800		50,000
25	58,450		41,800	48,000	54,200	55,000	62,350	58,750	55,550	37,400	58,150	49,000
30	46,250	38,600	40,400	42,000	48,300	46,550	49,950	47,150	44,600	37,000	46,600	43,300
35	37,550	34,800	37,000	37,600	41,300	38,500	41,100	38,750	36,650	34,100	38,200	35,400
40	30,950	31,000	32,200	33,800	34,850	32,350	34,150	32,400	30,550	28,300	31,850	29,350
45	25,400	28,200	27,500	30,200	29,650	27,550	28,350	27,400	25,800	23,750	26,900	24,600
50	20,800	25,600	23,750	25,500	25,100	23,650	23,700	22,950	21,950	20,050	22,550	20,750
55	17,150	21,950	20,600	21,800	21,350	20,150	20,000	19,300	18,650	16,950	18,850	17,600
60	14,250	18,900	17,750	18,750	18,300	17,150	16,950	16,250	15,750	14,400	15,850	14,800
65	11,750	16,400	15,450	16,200	15,750	14,750	14,550	13,850	13,300	12,150	13,450	12,300
70	9,690	14,350	13,300	14,150	13,750	12,650	12,400	11,750	11,200	10,200	11,350	10,200
75	7,890	12,550	11,500	12,450	11,900	10,800	10,600	9,960	9,400	8,410	9,560	8,430
80	6,350	10,950	9,920	10,900	10,350	9,260	9,050	8,400	7,840	6,850	8,000	6,870
85	4,990	9,580	8,540	9,520	8,980	7,890	7,680	7,030	6,480	5,490	6,630	5,520
90	3,800	8,360	7,330		7,760	6,680	6,480	5,830	5,280	4,300	5,430	4,320
95		7,280	6,250		6,690	5,610		4,760	4,210	3,240	4,370	3,260
100		6,320	5,290		5,730	4,650		3,810	3,260	2,290	3,420	2,310
105		5,450	4,430			3,800			2,410	1,440		1,460
110		4,670	3,650			3,020			1,640			
115		3,970	2,940			2,320						
120			2,300									
125			1,710									
130			1,170									

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(Section 4 of 4)

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (EXTENDING)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 0% EXTENDED (fully retracted) - 360°

Radius	Main Boom Length in Feet - SLI code **#1303**												
in Feet	42.3-58.0	58.0-73.8	42.3-57.9	57.9-73.6	57.9-73.5	42.3-57.8	57.8-73.4	73.4-89.1	57.8-73.3	42.3-57.5	57.5-72.6	72.6-87.9	87.9-103.3
I II III IV V	0-50% 0% 0% 0% 0%	50-100% 0% 0% 0% 0%	0% 0-50% 0% 0% 0%	0-50% 50% 0% 0% 0%	00% 50-100% 0% 0% 0%	0% 0% 0-50% 0% 0%	0% 0-50% 50% 0% 0%	0-50% 50% 50% 0% 0%	0% 0% 50-100% 0% 0%	0% 0% 0% 0% 0-50%	0% 0% 0% 0% 50-100%	0% 0% 0% 0-50% 100%	0% 0% 0% 50-100% 100%
15	52,000	30,000	57,000	50,000	29,400								
20	52,000	26,800	57,000	49,000	26,800	61,000	53,000	44,000	24,600	69,000			
25	52,000	24,800	57,000	48,000	24,800	61,000	52,000	43,000	23,200	63,550	25,400	46,000	22,000
30	45,450	23,400	46,700	46,350	23,600	46,700	48,900	42,000	22,000	46,700	24,200	40,000	20,600
35	34,400	22,200	36,200	35,550	22,400	37,750	37,750	36,950	21,000	40,050	23,400	35,800	19,000
40	26,600	21,400	28,350	27,800	21,800	29,850	29,850	29,500	20,200	32,050	22,600	32,200	18,000
45	20,800	19,950	22,500	21,950	21,000	23,950	23,950	23,600	19,600	26,100	21,800	28,400	16,800
50		15,550		17,400	18,100		19,850	19,050	19,200		21,400	23,750	15,400
55		11,950		13,850	14,550		16,200	15,500	16,700		20,050	20,050	13,200
60								12,500				18,750	12,800
65								10,050				16,200	12,400
70								7,990				14,150	11,800
75								6,210					11,400
80													11,000
85													9,730
90													8,520

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(Section 1 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (EXTENDING) (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 0% EXTENDED (fully retracted) - 360°

Radius	Main Boom Length in Feet - SLI code **#1303**											
in Feet	103.3-118.8	118.8-134.3	134.3-149.9	149.9-165.5	165.5-181.1	181.1-196.9	57.5-72.8	72.8-88.1	88.1-103.6	103.6-119.1	119.1-134.7	134.7-150.3
I II III IV V	0% 0% 0-50% 100% 100%	0% 0% 50-100% 100% 100%	0% 0-50% 100% 100% 100%	0% 50-100% 100% 100% 100%	0-50% 100% 100% 100% 100%	50-100% 100% 100% 100% 100%	0% 0% 0% 0-50% 50%	0% 0% 0% 50-100% 50%	0% 0% 0-50% 100% 50%	0% 0% 50-100% 100% 50%	0% 0-50% 100% 100% 50%	0% 50-100% 100% 100% 50%
25			36,400	18,600	24,200		59,000	23,400	48,700	18,800	41,200	18,800
30	34,200	16,600	34,400	16,800	24,200	15,400	51,300	22,000	42,700	17,000	36,200	17,000
35	30,200	14,000	30,400	14,000	24,200	12,200	40,050	20,600	37,900	14,400	32,600	14,200
40	27,000	12,400	27,400	12,200	24,200	11,000	32,050	19,600	34,000	12,600	28,400	12,200
45	24,400	11,400	25,000	11,200	24,200	9,800	26,100	18,600	29,050	11,800	25,800	11,200
50	22,400	10,600	22,600	10,200	22,250	9,000	23,600	17,800	24,400	11,000	23,600	10,200
55	20,600	10,000	20,800	9,400	19,350	8,000	19,900	17,000	20,650	10,400	21,050	9,400
60	19,000	9,400	18,900	8,600	16,850	7,400		16,200	17,650	9,800	18,050	8,800
65	16,550	8,600	16,450	8,000	14,700	6,400		15,150	15,150	9,400	15,600	8,000
70	14,500	8,200	14,450	7,600	12,900	5,800		13,050	13,050	8,600	13,500	7,400
75	12,650	7,800	12,600	6,800	11,250	5,400			11,250	8,000	11,650	7,000
80	11,100	7,400	11,000	6,400	9,770	4,800			10,350	7,800	10,100	6,400
85	9,730	6,800	9,640	6,000	8,390	4,200			9,010	7,200	8,720	5,800
90	8,520	6,600	8,420	5,600	7,170	3,800			7,810	7,200	7,510	5,600
95	7,830	6,200	7,330	5,000	6,100	3,600				6,540	6,440	5,000
100	6,870	6,000	6,370	4,800	5,130	3,000				5,580	5,470	4,800
105		5,600	5,500	4,400	4,270	2,600					4,610	3,990
110		4,920	4,720	4,000	3,490						3,840	3,210
115		4,210	4,010	3,360	2,780						3,130	2,510
120			3,360	2,710	2,130							1,870
125			2,770	2,120	1,540							1,280
130			2,230	1,580	1,000							
135			1,740	1,080								

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• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (EXTENDING) (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 0% EXTENDED (fully retracted) - 360°

Radius	Main Boom Length in Feet - SLI code **#1303**											
in Feet	150.3-166.0	166.0-181.7	72.8-88.3	88.3-103.8	103.8-119.4	119.4-135.0	135.0-150.7	150.7-166.4	42.3-57.6	57.6-73.0	57.6-73.2	73.2-88.7
I II III IV V	0-50% 100% 100% 100% 50%	50-100% 100% 100% 100% 50%	0% 0% 0-50% 50% 50%	0% 0% 50-100% 50% 50%	0% 0-50% 100% 50% 50%	0% 50-100% 100% 50% 50%	0-50% 100% 100% 50% 50%	50-100% 100% 100% 50% 50%	0% 0% 0% 0-50% 0%	0% 0% 0% 50-100% 0%	0% 0% 0-50% 50% 0%	0% 0-50% 50% 50% 0%
20							41,600	19,800	66,000	27,000	57,000	51,000
25	31,600	17,800	53,000	19,600	46,000	19,400	39,800	18,000	63,550	25,400	56,000	50,000
30	31,600	15,400	52,650	18,200	41,200	17,600	38,200	15,600	46,700	24,200	50,200	49,000
35	31,600	12,400	42,250	16,800	36,600	14,600	35,850	12,400	39,000	23,200	39,000	40,250
40	29,950	11,000	34,200	15,400	32,800	12,800	30,050	11,200	31,050	22,600	31,050	32,300
45	25,500	10,000	28,250	12,600	28,600	11,800	25,400	10,200	25,100	21,800	25,100	26,400
50	21,850	8,800	23,600	12,000	24,050	10,800	21,700	9,200		21,400	21,900	21,800
55	18,850	8,000	19,900	11,400	20,300	10,200	18,600	8,000		18,500	18,200	18,150
60	16,300	7,200	17,400	10,800	17,300	9,200	16,000	7,400				15,200
65	14,150	6,200	14,950	10,400	14,850	8,600	13,700	6,600				12,700
70	12,250	6,000	12,800	10,000	12,750	8,000	11,600	5,800				10,600
75	10,450	5,200		9,800	10,950	7,400	9,790	5,200				
80	8,910	4,600		9,200	9,380	7,000	8,230	4,800				
85	7,540	4,000		8,010	8,010	6,400	6,860	4,000				
90	6,330	3,600		6,810	6,800	6,000	5,660	3,800				
95	5,260	3,000			5,730	5,120	4,590	3,200				
100	4,300	2,800			4,780	4,170	3,640	2,720				
105	3,440	2,200				3,310	2,780	1,860				
110	2,670					2,540	2,010					
115	1,960					1,840	1,310					
120	1,320											

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(Section 3 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (EXTENDING) (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 0% EXTENDED (fully retracted) - 360°

Radius	Main Boom Length in Feet - SLI code **#1303**											
in Feet	88.7-104.5	118.8-134.4	134.4-150.1	87.9-103.4	103.4-119.0	119.0-134.7	88.3-103.9	103.9-119.5	119.5-135.2	135.2-150.9	103.9-119.6	119.6-135.3
I II III IV V	0-50% 50% 50% 50% 0%	0% 0-50% 50% 100% 100%	0-50% 50% 50% 100% 100%	0% 0% 0-50% 50% 100%	0% 0-50% 50% 50% 100%	0-50% 50% 50% 50% 100%	0% 0-50% 50% 50% 50%	0% 50-100% 50% 50% 50%	0-50% 100% 50% 50% 50%	50-100% 100% 50% 50% 50%	0-50% 50% 50% 50% 50%	50-100% 50% 50% 50% 50%
20	43,200								41,800	20,800		21,600
25	42,000		40,400	46,000	47,000	40,600	48,000	20,200	40,200	18,400	41,400	19,200
30	41,000	36,600	38,400	40,000	43,800	39,600	47,000	18,600	39,200	16,200	39,800	17,400
35	37,550	33,200	35,200	35,800	41,300	38,200	41,100	17,000	36,650	12,800	38,200	14,400
40	30,950	29,400	32,200	32,200	34,850	32,350	34,150	15,400	30,550	11,600	31,850	12,600
45	25,400	26,800	27,500	28,800	29,650	27,550	28,350	12,600	25,800	10,400	26,900	11,400
50	20,800	24,800	23,750	25,500	25,100	23,650	23,700	11,800	21,950	9,400	22,550	10,400
55	17,150	21,950	20,600	21,800	21,350	20,150	20,000	11,000	18,650	8,800	18,850	9,600
60	14,250	18,900	17,750	18,750	18,300	17,150	16,950	10,200	15,750	7,600	15,850	8,800
65	11,750	16,400	15,450	16,200	15,750	14,750	14,550	9,600	13,300	7,000	13,450	8,000
70	9,690	14,350	13,300	14,150	13,750	12,650	12,400	9,200	11,200	6,400	11,350	7,600
75	7,890	12,550	11,500	12,450	11,900	10,800	10,600	8,800	9,400	5,800	9,560	6,800
80	6,350	10,950	9,920	10,900	10,350	9,260	9,050	8,200	7,840	5,200	8,000	6,400
85	4,990	9,580	8,540	9,520	8,980	7,890	7,680	7,030	6,480	4,600	6,630	5,520
90	3,800	8,360	7,330		7,760	6,680	6,480	5,830	5,280	4,200	5,430	4,320
95		7,280	6,250		6,690	5,610		4,760	4,210	3,240	4,370	3,260
100		6,320	5,290		5,730	4,650		3,810	3,260	2,290	3,420	2,310
105		5,450	4,430			3,800			2,410	1,440		1,460
110		4,670	3,650			3,020			1,640			
115		3,970	2,940			2,320						
120			2,300									
125			1,710									
130			1,170									

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(Section 4 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (RETRACTING)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 0% EXTENDED (fully retracted) - 360°

Radius in Feet	Main Boom Length in Feet - SLI code **#1303**												
	42.3-58.0	58.0-73.8	42.3-57.9	57.9-73.6	57.9-73.5	42.3-57.8	57.8-73.4	73.4-89.1	57.8-73.3	42.3-57.5	57.5-72.6	72.6-87.9	87.9-103.3
I II III IV V	0-50% 0% 0% 0% 0%	50-100% 0% 0% 0% 0%	0% 0-50% 0% 0% 0%	0-50% 50% 0% 0% 0%	00% 50-100% 0% 0% 0%	0% 0% 0-50% 0% 0%	0% 0-50% 50% 0% 0%	0-50% 50% 50% 0% 0%	0% 0% 50-100% 0% 0%	0% 0% 0% 0% 0-50%	0% 0% 0% 0% 50-100%	0% 0% 0% 0-50% 100%	0% 0% 0% 50-100% 100%
15	66,000	59,000	71,000	65,000	57,000								
20	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	79,000			
25	62,150	57,550	63,550	60,150	57,000	63,550	63,400	59,000	52,000	63,550	47,000	46,000	37,600
30	45,450	43,900	46,700	46,350	47,250	46,700	48,900	46,150	48,900	46,700	41,000	40,000	33,000
35	34,400	33,450	36,200	35,550	36,200	37,750	37,750	36,950	37,750	40,050	37,000	35,800	29,200
40	26,600	25,750	28,350	27,800	28,350	29,850	29,850	29,500	29,850	32,050	32,050	32,200	26,200
45	20,800	19,950	22,500	21,950	22,500	23,950	23,950	23,600	23,950	26,100	26,100	28,400	23,800
50		15,550		17,400	18,100		19,850	19,050	20,350		23,750	23,750	21,800
55		11,950		13,850	14,550		16,200	15,500	16,700		20,050	20,050	19,800
60								12,500				18,750	18,400
65								10,050				16,200	16,200
70								7,990				14,150	14,150
75								6,210					12,650
80													11,100
85													9,730
90													8,520

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(Section 1 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (RETRACTING) (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 0% EXTENDED (fully retracted) - 360°

Radius	Main Boom Length in Feet - SLI code **#1303**											
in Feet	103.3-118.8	118.8-134.3	134.3-149.9	149.9-165.5	165.5-181.1	181.1-196.9	57.5-72.8	72.8-88.1	88.1-103.6	103.6-119.1	119.1-134.7	134.7-150.3
I II III IV V	0% 0% 0-50% 100% 100%	0% 0% 50-100% 100% 100%	0% 0-50% 100% 100% 100%	0% 50-100% 100% 100% 100%	0-50% 100% 100% 100% 100%	50-100% 100% 100% 100% 100%	0% 0% 0% 0-50% 50%	0% 0% 0% 50-100% 50%	0% 0% 0-50% 100% 50%	0% 0% 50-100% 100% 50%	0% 0-50% 100% 100% 50%	0% 50-100% 100% 100% 50%
25			36,400	26,000	24,200		64,000	44,000	48,700	41,200	41,200	31,600
30	34,200	33,000	34,400	26,000	24,200	18,600	51,300	38,400	42,700	36,200	36,200	31,600
35	30,200	29,400	30,400	26,000	24,200	18,600	40,050	34,400	37,900	32,600	32,600	31,600
40	27,000	26,400	27,400	26,000	24,200	18,400	32,050	30,200	34,000	28,400	28,400	31,200
45	24,400	24,000	25,000	25,800	24,200	18,400	26,100	27,400	29,050	25,800	25,800	26,950
50	22,400	22,000	22,600	23,600	22,250	18,400	23,600	23,600	24,400	23,600	23,600	23,200
55	20,600	20,200	20,800	20,600	19,350	17,750	19,900	19,900	20,650	21,200	21,050	20,100
60	19,000	18,200	18,900	16,600	16,850	15,350		17,650	17,650	18,150	18,050	16,800
65	16,550	15,800	16,450	15,400	14,700	13,250		15,150	15,150	15,700	15,600	15,000
70	14,500	14,600	14,450	13,750	12,900	11,500		13,050	13,050	13,600	13,500	12,850
75	12,650	12,800	12,600	11,200	11,250	8,600			11,250	11,750	11,650	10,800
80	11,100	11,200	11,000	9,000	9,770	6,600			10,350	10,200	10,100	8,400
85	9,730	9,200	9,640	7,000	8,390	4,800			9,010	8,820	8,720	6,400
90	8,520	7,600	8,420	5,600	7,170	3,200			7,810	7,200	7,510	5,000
95	7,830	6,200	7,330	4,200	6,100					5,800	6,440	3,600
100	6,870	5,000	6,370	3,200	5,130					4,400	5,470	2,400
105		4,000	5,500	2,200	4,270						4,610	
110		3,000	4,720		3,490						3,840	
115		2,200	4,010		2,780						3,130	
120			3,360		2,130							
125			2,770		1,540							
130			2,230		1,000							
135			1,740									

80021553A-2

(Section 2 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (RETRACTING) (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 0% EXTENDED (fully retracted) - 360°

Radius in Feet	Main Boom Length in Feet - SLI code **#1303**											
	150.3-166.0	166.0-181.7	72.8-88.3	88.3-103.8	103.8-119.4	119.4-135.0	135.0-150.7	150.7-166.4	42.3-57.6	57.6-73.0	57.6-73.2	73.2-88.7
I II III IV V	0-50% 100% 100% 100% 50%	50-100% 100% 100% 100% 50%	0% 0% 0-50% 50% 50%	0% 0% 50-100% 50% 50%	0% 0-50% 100% 50% 50%	0% 50-100% 100% 50% 50%	0-50% 100% 100% 50% 50%	50-100% 100% 100% 50% 50%	0% 0% 0% 0-50% 0%	0% 0% 0% 50-100% 0%	0% 0% 0-50% 50% 0%	0% 0-50% 50% 50% 0%
20							41,600	28,800	81,000	56,000	74,000	69,000
25	31,600	23,000	64,000	47,000	47,000	41,400	41,400	28,800	63,550	54,000	66,200	62,700
30	31,600	22,800	52,650	41,200	41,200	41,400	41,400	28,600	46,700	49,000	50,200	49,700
35	31,600	22,800	42,250	36,600	36,600	37,850	35,850	28,200	39,000	39,000	39,000	40,250
40	29,950	22,400	34,200	32,800	32,800	31,750	30,050	27,900	31,050	31,050	31,050	32,300
45	25,500	22,400	28,250	28,700	28,600	26,950	25,400	23,500	25,100	25,100	25,100	26,400
50	21,850	20,150	23,600	24,050	24,050	23,050	21,700	19,900		22,200	21,900	21,800
55	18,850	17,200	19,900	20,350	20,300	19,600	18,600	16,900		18,500	18,200	18,150
60	16,300	14,750	17,400	17,300	17,300	16,650	16,000	14,400				15,200
65	14,150	12,650	14,950	14,850	14,850	14,250	13,700	12,250				12,700
70	12,250	10,850	12,800	12,750	12,750	12,150	11,600	10,350				10,600
75	10,450	8,000		10,950	10,950	10,300	9,790	7,600				
80	8,910	5,600		9,380	9,380	8,600	8,230	5,200				
85	7,540	3,800		8,010	8,010	6,600	6,860	3,400				
90	6,330	2,200		6,810	6,800	5,000	5,660					
95	5,260				5,730	3,600	4,590					
100	4,300				4,780	2,400	3,640					
105	3,440						2,780					
110	2,670						2,010					
115	1,960						1,310					
120	1,320											

80021553A-3

(Section 3 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (RETRACTING) (cont'd.)
WITH 63,000 lb COUNTERWEIGHT
ON OUTRIGGERS 0% EXTENDED (fully retracted) - 360°

Radius	Main Boom Length in Feet - SLI code **#1303**											
in Feet	88.7-104.5	118.8-134.4	134.4-150.1	87.9-103.4	103.4-119.0	119.0-134.7	88.3-103.9	103.9-119.5	119.5-135.2	135.2-150.9	103.9-119.6	119.6-135.3
I II III IV V	0-50% 50% 50% 50% 0%	0% 0-50% 50% 100% 100%	0-50% 50% 50% 100% 100%	0% 0% 0-50% 50% 100%	0% 0-50% 50% 50% 100%	0-50% 50% 50% 50% 100%	0% 0-50% 50% 50% 50%	0% 50-100% 50% 50% 50%	0-50% 100% 50% 50% 50%	50-100% 100% 50% 50% 50%	0-50% 50% 50% 50% 50%	50-100% 50% 50% 50% 50%
20	65,000								57,000	36,000		47,000
25	58,450		41,200	46,000	53,000	53,000	62,350	56,000	55,550	35,600	58,150	47,000
30	46,250	36,600	38,400	40,000	48,000	46,550	49,950	47,150	44,600	35,200	46,600	43,300
35	37,550	33,200	35,200	35,800	41,300	38,500	41,100	38,750	36,650	34,100	38,200	35,400
40	30,950	29,400	32,200	32,200	34,850	32,350	34,150	32,400	30,550	28,300	31,850	29,350
45	25,400	26,800	27,500	28,800	29,650	27,550	28,350	27,400	25,800	23,750	26,900	24,600
50	20,800	24,800	23,750	25,500	25,100	23,650	23,700	22,950	21,950	20,050	22,550	20,750
55	17,150	21,950	20,600	21,800	21,350	20,150	20,000	19,300	18,650	16,950	18,850	17,600
60	14,250	18,900	17,750	18,750	18,300	17,150	16,950	16,250	15,750	14,400	15,850	14,800
65	11,750	16,400	15,450	16,200	15,750	14,750	14,550	13,850	13,300	12,150	13,450	12,300
70	9,690	14,350	13,300	14,150	13,750	12,650	12,400	11,750	11,200	10,200	11,350	10,200
75	7,890	12,550	11,500	12,450	11,900	10,800	10,600	9,960	9,400	8,200	9,560	8,430
80	6,350	10,950	9,920	10,900	10,350	9,260	9,050	8,400	7,840	5,800	8,000	6,870
85	4,990	9,580	8,540	9,520	8,980	7,890	7,680	7,030	6,480	3,800	6,630	5,520
90	3,800	8,360	7,330		7,760	6,680	6,480	5,830	5,280	2,200	5,430	3,800
95		7,280	6,250		6,690	5,610		4,200	4,210		4,370	2,200
100		6,320	5,290		5,730	4,650		2,600	3,260		3,420	
105		5,450	4,430			3,800			2,410			
110		4,670	3,650			3,020			1,640			
115		3,970	2,940			2,320						
120			2,300									
125			1,710									
130			1,170									

80021553A-4

(Section 4 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS
MAIN BOOM AT FIXED BOOM LENGTHS
WITH 63,000 lb COUNTERWEIGHT
ON RUBBER PICK & CARRY CAPACITES (CREEP SPEED)
BOOM CENTERED OVER FRONT

Tele. Sect.	SLI code #1305					
	Main Boom Length in Feet					
	42.3	57.5	72.6	72.8	87.9	88.3
Sect I	0%	0%	0%	0%	0%	0%
Sect II	0%	0%	0%	0%	0%	0%
Sect III	0%	0%	0%	0%	0%	50%
Sect IV	0%	0%	0%	50%	50%	50%
Sect V	0%	50%	100%	50%	100%	50%
Radius in Feet	Lifting Capacities in Pounds					
15	62,000					
20	45,000	34,000				
25	43,100	34,000				
30	33,550	34,000	34,000	34,000		
35		31,900	34,000	34,000	26,000	26,000
40		26,600	28,900	28,700	26,000	26,000
45		22,300	24,550	24,350	26,000	22,950
50			20,900	20,750	23,000	20,050
55			17,900	17,700	20,050	17,550
60			15,300	15,100	17,600	15,400
65					15,450	13,600
70					13,550	12,000
75					11,900	10,600
80						9,350

Boom Angle	Lifting Capacities in Pounds					
0°	27,500	19,250	13,350	13,050	10,600	9,360

80020678

NOTES FOR FIXED AND INTERMEDIATE LENGTHS WHEN LIFTING ON RUBBER:

• Capacities do not exceed 75% of tipping loads as determined by test in accordance with SAE J765.

• Capacities are applicable to machines equipped with General/Titan 33.25x29 (38 ply) tires at 85 psi cold inflation pressure.

• Capacities are applicable only with machine on firm level surface.

• On rubber lifting with boom extension is not permitted.

• All lifting depends on proper tire inflation, capacity and condition. Capacities must be reduced for lower tire inflation pressures. Damaged tires are hazardous to safe operation of crane.

• For pick and carry operation, boom must be centered over front of machine, mechanical swing lock engaged and load restrained from swinging.

• Creep - not over 200 ft. of movement in any 30 minute period and not exceeding 1 mph.

RATED LIFTING CAPACITIES IN POUNDS
MAIN BOOM AT INTERMEDIATE BOOM LENGTHS
WITH 63,000 lb COUNTERWEIGHT
ON RUBBER PICK & CARRY CAPACITES (CREEP SPEED)
BOOM CENTERED OVER FRONT

Tele. Sect.	SLI code #1305				
	Main Boom Length in Feet				
	42.3-57.5	57.5-72.6	57.5-72.8	72.6-87.9	72.8-88.3
Sect I	0%	0%	0%	0%	0%
Sect II	0%	0%	0%	0%	0%
Sect III	0%	0%	0%	0%	0-50%
Sect IV	0%	0%	0-50%	0-50%	50%
Sect V	0-50%	50-100%	50%	100%	50%
Radius in Feet	Lifting Capacities in Pounds				
15	62,000				
20	34,000				
25	34,000				
30	33,550	34,000	34,000		
35	31,900	31,900	31,900	26,000	26,000
40	26,600	26,600	26,600	26,000	26,000
45	22,300	22,300	22,300	24,550	22,950
50		20,900	20,750	20,900	20,050
55		17,900	17,700	17,900	17,550
60				15,300	15,100
65				15,300	13,600
70				13,550	12,000

80020676

TIRE INFLATION - PSI (BAR)

SIZE (FRONT & REAR)	TRA CODE	LIFTING SERVICE & GENERAL TRAVEL	EXTENDED TRAVEL
		STATIC, CREEP & 2.5 MPH (4.0 km/h)	
33.25x29 (38)	E-3	85 (5.9)	76 (5.2)

RATED LIFTING CAPACITIES IN POUNDS AT FIXED BOOM LENGTHS
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #1200																		
in Feet	42.3	57.5	57.6	57.8	57.9	58.0	72.6	72.8	73.0	73.2	73.3	73.4	73.5	73.6	73.8	87.9	88.3	88.7	89.1
Sect I	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	50%	100%	0%	0%	0%	50%
Sect II	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	50%	50%
Sect III	0%	0%	0%	50%	0%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	0%	50%	50%	50%
Sect IV	0%	0%	50%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	0%	0%	50%	50%	50%	0%
Sect V	0%	50%	0%	0%	0%	0%	100%	50%	0%	0%	0%	0%	0%	0%	0%	100%	50%	0%	0%
8	250,000																		
9	236,000																		
10	217,000	102,000	120,000	167,000	199,000	198,000	80,000	102,000	97,000	120,000	93,000	167,000	88,000	186,000	83,000	77,000	102,000	120,000	143,000
12	199,000	100,000	120,000	165,500	185,000	184,000	74,400	98,400	90,200	117,500	93,000	161,500	88,000	173,000	83,000	72,200	99,200	120,000	143,000
15	173,000	97,000	120,000	164,000	165,000	164,000	66,000	93,000	80,000	114,000	93,000	154,000	88,000	154,000	83,000	65,000	95,000	120,000	143,000
20	138,500	83,000	114,000	137,000	136,000	136,000	57,000	78,000	67,000	96,000	83,000	131,000	88,000	132,000	83,000	56,000	81,000	106,000	125,000
25	108,000	73,000	98,000	109,500	108,500	107,000	49,000	68,000	58,000	83,000	72,000	110,000	88,000	108,000	83,000	48,000	71,000	93,000	109,500
30	87,200	66,000	86,000	89,250	87,900	86,150	43,400	59,000	51,000	73,000	63,000	89,650	86,000	87,350	83,000	42,200	62,000	83,000	89,000
35		59,000	75,400	74,300	72,800	71,050	38,800	53,000	45,000	65,000	56,000	74,800	73,000	72,300	70,300	37,600	55,000	75,000	74,000
40		54,000	64,050	62,850	61,400	59,700	35,200	48,000	41,000	59,000	50,000	63,400	61,650	60,900	58,900	33,800	50,000	65,450	62,600
45		51,000	55,100	53,950	52,500	50,750	31,800	43,400	37,200	53,000	45,000	54,500	52,750	52,000	50,050	30,400	45,000	56,500	53,700
50							29,200	40,000	34,000	49,000	41,200	47,350	45,550	44,850	42,900	27,800	41,200	49,350	46,550
55							27,200	37,000	31,000	43,100	38,200	40,750	38,750	37,900	35,650	25,800	38,000	42,700	39,450
60																23,800	35,000	36,650	33,550
65																22,200	32,200	31,850	28,850
70																20,800	30,000	27,850	24,900
75																			21,550

Radius	Main Boom Length in Feet - SLI code #1200																
in Feet	103.3	103.9	104.5	118.8	119.0	119.6	134.3	134.7	135.3	149.9	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	0%	0%	50%	0%	0%	50%	0%	50%	100%	0%	50%	100%	0%	100%	50%	100%	100%
Sect II	0%	50%	50%	0%	50%	50%	0%	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	0%	50%	50%	50%	50%	50%	100%	50%	50%	100%	50%	50%	100%	100%	100%	100%	100%
Sect IV	100%	50%	50%	100%	50%	50%	100%	50%	50%	100%	100%	50%	100%	50%	100%	100%	100%
Sect V	100%	50%	0%	100%	100%	50%	100%	100%	50%	100%	100%	50%	100%	50%	100%	50%	100%
15	55,000	98,000	110,000														
20	47,000	86,000	108,000	48,000	61,000	84,000	41,800	57,000	62,000	36,400	41,800	45,000					
25	41,000	77,000	98,000	43,200	56,000	78,000	40,000	56,000	62,000	36,400	41,800	45,000	29,800	35,200			
30	36,200	68,000	90,000	38,800	50,000	72,000	36,000	52,000	61,000	36,200	40,800	45,000	29,800	35,200	24,200	25,600	22,000
35	31,800	61,000	75,750	35,000	45,000	66,000	32,200	48,000	56,000	33,400	38,000	45,000	29,800	35,200	24,200	25,600	22,000
40	28,400	56,000	64,450	31,000	41,600	60,000	28,800	44,000	51,000	30,200	35,600	45,000	29,800	35,200	24,200	25,600	22,000
45	25,800	51,000	55,550	28,400	38,400	56,000	26,200	41,000	47,000	27,800	32,600	41,400	28,200	35,200	24,200	25,600	22,000
50	23,600	47,000	48,350	26,200	35,600	50,200	23,800	38,200	42,600	25,600	30,200	38,400	26,400	34,800	24,200	25,600	22,000
55	21,800	43,400	41,250	24,200	32,800	43,050	22,000	35,800	39,200	23,600	28,200	35,600	24,600	32,400	24,200	25,600	22,000
60	20,000	38,500	35,250	22,400	30,400	37,050	20,200	33,600	35,500	21,800	26,400	32,800	23,000	29,800	23,800	25,600	22,000
65	18,600	33,650	30,550	21,000	28,400	32,200	18,600	31,200	30,850	20,400	24,800	29,800	21,600	27,800	22,400	25,600	22,000
70	17,400	29,700	26,600	19,600	26,800	28,300	17,400	29,400	26,900	19,000	23,400	26,750	20,200	25,800	21,200	24,400	21,600
75	16,000	26,350	23,300	18,200	25,400	25,000	15,800	26,250	23,550	17,800	22,200	23,450	19,000	23,800	20,000	23,000	20,600
80	14,400	23,500	20,500	17,000	24,000	22,150	14,200	23,400	20,750	16,400	21,000	20,600	17,800	21,000	19,000	21,400	19,600
85	13,600	21,000	18,050	15,200	22,300	19,750	13,200	20,950	18,350	14,800	19,800	18,200	16,800	18,600	18,000	19,250	18,600
90	12,800	18,800	15,900	14,400	20,150	17,650	12,400	18,850	16,250	14,000	19,000	16,150	15,800	16,500	16,800	17,150	17,800
95				13,600	18,250	15,750	11,800	17,000	14,550	13,200	17,550	14,450	14,600	14,800	15,600	15,500	16,150
100				12,800	16,550	14,150	11,000	15,450	12,950	12,400	15,900	12,800	13,600	13,200	14,600	13,850	14,700
105							10,400	13,950	11,500	11,800	14,550	11,350	12,800	11,750	13,800	12,400	13,250
110							9,800	12,600	10,150	11,200	13,250	10,100	12,200	10,450	12,900	11,100	11,900
115							9,200	11,400	8,980	10,600	12,050	8,930	11,600	9,300	11,750	9,950	10,750
120										10,000	10,950	7,860	11,000	8,240	10,650	8,890	9,700
125										9,600	9,970	6,880	10,350	7,290	9,710	7,930	8,730
130										9,200	9,050	5,980	9,480	6,410	8,820	7,050	7,840
135										8,800	8,220	5,160	8,640	5,580	8,000	6,240	7,030
140													7,860	4,820	7,250	5,500	6,280
145													7,150	4,120	6,550	4,800	5,590
150													6,490	3,480	5,890	4,150	4,960
155															5,280	3,550	4,360
160															4,710	2,980	3,800
165																	3,270
170																	2,780
175																	2,320
180																	1,890

RATED LIFTING CAPACITIES IN POUNDS AT INTERMEDIATE BOOM LENGTHS
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1200**												
in Feet	42.3-58.0	58.0-73.8	42.3-57.9	57.9-73.6	57.9-73.5	42.3-57.8	57.8-73.4	73.4-89.1	57.8-73.3	42.3-57.5	57.5-72.6	72.6-87.9	87.9-103.3
I	0-50%	50-100%	0%	0-50%	00%	0%	0%	0-50%	0%	0%	0%	0%	0%
II	0%	0%	0-50%	50%	50-100%	0%	0-50%	50%	0%	0%	0%	0%	0%
III	0%	0%	0%	0%	0%	0-50%	50%	50%	50-100%	0%	0%	0%	0%
IV	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0-50%	50-100%
V	0%	0%	0%	0%	0%	0%	0%	0%	0%	0-50%	50-100%	100%	100%
10	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	88,000	57,000	77,000	61,000
12	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	88,000	57,000	72,200	57,800
15	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	88,000	57,000	65,000	53,000
20	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	83,000	56,000	55,000	45,000
25	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	73,000	49,000	48,000	39,600
30	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	66,000	43,000	42,000	34,800
35	69,000	62,000	72,800	68,000	60,000	74,300	73,000	68,000	54,000	59,000	38,800	37,600	30,600
40	59,700	58,900	61,400	60,900	60,000	62,850	62,850	62,600	50,000	54,000	35,200	33,800	27,400
45	50,750	50,050	52,500	52,000	52,500	53,950	53,950	53,700	45,000	50,000	31,800	30,200	25,000
50		42,900		44,850	45,550		47,350	46,550	41,200		29,000	27,600	22,800
55		35,650		37,900	38,750		40,750	39,450	38,000		27,200	25,600	20,800
60								33,550				23,800	19,400
65								28,850				22,200	18,000
70								24,900				20,800	16,600
75								21,550					15,200
80													13,800
85													13,000
90													12,400

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(Section 1 of 4)

RATED LIFTING CAPACITIES IN POUNDS AT INTERMEDIATE BOOM LENGTHS (cont'd.)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius in Feet	Main Boom Length in Feet - SLI code **#1200**											
	103.3-118.8	118.8-134.3	134.3-149.9	149.9-165.5	165.5-181.1	181.1-196.9	57.5-72.8	72.8-88.1	88.1-103.6	103.6-119.1	119.1-134.7	134.7-150.3
I II III IV V	0% 0% 0-50% 100% 100%	0% 0% 50-100% 100% 100%	0% 0-50% 100% 100% 100%	0% 50-100% 100% 100% 100%	0-50% 100% 100% 100% 100%	50-100% 100% 100% 100% 100%	0% 0% 0% 0-50% 50%	0% 0% 0% 50-100% 50%	0% 0% 0-50% 100% 50%	0% 0% 50-100% 100% 50%	0% 0-50% 100% 100% 50%	0% 50-100% 100% 100% 50%
10							84,000	58,000	77,000			
12							84,000	58,000	73,000			
15	54,000						84,000	58,000	66,650	49,000		
20	47,000	37,000	36,400	27,400			78,000	53,000	56,400	48,000	48,000	33,200
25	41,000	36,400	36,400	27,400	25,400		68,000	46,000	48,700	43,200	43,200	33,200
30	36,000	34,600	36,000	27,400	24,200	19,400	59,000	40,400	42,700	38,000	38,000	33,200
35	31,800	30,800	32,000	27,400	24,200	19,400	53,000	36,000	37,900	34,200	34,200	33,200
40	28,400	27,800	28,800	27,400	24,200	19,400	47,000	31,800	34,000	29,800	29,800	32,800
45	25,600	25,200	26,200	27,200	24,200	19,200	43,400	28,800	30,800	27,200	27,200	30,400
50	23,600	23,000	23,800	25,400	24,200	19,200	39,800	26,400	28,050	24,800	24,800	28,000
55	21,600	21,200	21,800	23,400	24,200	19,000	37,000	24,400	25,750	22,400	22,400	25,800
60	19,800	19,400	20,200	21,800	22,800	19,000		22,400	23,750	20,800	20,800	23,800
65	18,400	18,000	18,600	20,400	21,400	18,600		21,000	22,000	19,400	19,400	22,200
70	17,200	16,600	17,200	19,000	20,000	18,200		19,600	20,450	18,000	18,000	20,600
75	15,800	15,200	15,600	17,600	18,800	18,000			19,150	16,400	16,400	19,400
80	14,400	13,600	14,000	16,400	17,800	17,800			18,600	14,600	14,600	18,000
85	13,400	12,800	13,200	14,600	16,800	17,600			17,400	13,800	13,800	17,000
90	12,800	12,000	12,400	13,800	15,600	16,600			16,400	12,600	12,600	15,600
95	12,600	11,400	11,600	13,000	14,400	15,600				12,000	12,000	14,400
100	12,600	10,600	10,800	12,200	13,400	14,400				11,200	11,200	13,400
105		10,000	10,400	11,600	12,800	13,250					10,400	12,800
110		9,400	9,800	11,200	12,000	11,900					10,200	12,000
115		8,800	9,200	10,400	11,600	10,750					10,200	11,600
120			8,800	10,000	10,650	9,700						10,500
125			8,800	9,400	9,710	8,730						9,520
130			8,800	9,200	8,820	7,840						8,610
135			8,600	8,600	8,000	7,030						7,770
140				7,860	7,250	6,280						
145				7,150	6,550	5,590						
150				6,490	5,890	4,960						
155					5,280	4,360						
160					4,710	3,800						
165						3,270						
170						2,780						
175						2,320						
180						1,890						

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(Section 2 of 4)

RATED LIFTING CAPACITIES IN POUNDS AT INTERMEDIATE BOOM LENGTHS (cont'd.)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1200**											
in Feet	150.3-166.0	166.0-181.7	72.8-88.3	88.3-103.8	103.8-119.4	119.4-135.0	135.0-150.7	150.7-166.4	42.3-57.6	57.6-73.0	57.6-73.2	73.2-88.7
I II III IV V	0-50% 100% 100% 100% 50%	50-100% 100% 100% 100% 50%	0% 0% 0-50% 50% 50%	0% 0% 50-100% 50% 50%	0% 0-50% 100% 50% 50%	0% 50-100% 100% 50% 50%	0-50% 100% 100% 50% 50%	50-100% 100% 100% 50% 50%	0% 0% 0% 0-50% 0%	0% 0% 0% 50-100% 0%	0% 0% 0-50% 50% 0%	0% 0-50% 50% 50% 0%
10			77,000	54,000					85,000	58,000	78,000	73,000
12			77,000	54,000					85,000	58,000	78,000	73,000
15			77,000	54,000	66,000				85,000	58,000	78,000	73,000
20	33,200		77,000	54,000	57,000	43,800	43,800	30,400	85,000	58,000	78,000	73,000
25	33,200	24,200	68,000	49,000	49,000	43,600	43,600	30,400	85,000	57,000	78,000	73,000
30	33,200	23,800	59,000	43,200	43,200	43,400	43,400	30,000	84,000	51,000	73,000	72,000
35	33,200	23,800	53,000	38,600	38,600	42,600	42,800	29,800	75,400	45,000	65,000	65,000
40	33,000	23,600	47,000	34,400	34,400	39,200	39,800	29,400	64,050	40,800	58,000	58,000
45	31,800	23,400	43,400	30,600	30,600	35,800	36,000	28,800	55,100	37,000	53,000	53,000
50	29,400	23,400	39,800	28,000	28,000	32,600	33,000	28,400		33,800	49,000	49,000
55	27,400	23,000	37,000	25,800	25,800	29,800	29,800	27,800		30,800	43,100	42,700
60	25,400	22,600	34,400	23,800	23,800	27,400	27,400	27,200				36,650
65	23,600	22,200	32,000	22,000	22,000	25,200	25,200	26,200				31,850
70	21,800	22,000	30,000	20,200	20,200	23,400	23,400	24,400				27,850
75	20,200	21,600		19,000	19,000	21,600	21,600	22,600				
80	19,000	21,000		17,800	17,800	20,200	20,200	21,000				
85	17,600	19,250		16,800	16,800	18,800	18,800	18,600				
90	16,200	17,150		15,000	15,000	17,400	17,400	16,500				
95	14,800	15,500			13,400	16,000	15,750	14,800				
100	13,600	13,850			13,400	14,800	14,250	13,200				
105	13,000	12,400				13,450	12,800	11,750				
110	12,100	11,100				12,100	11,500	10,450				
115	10,950	9,950				10,900	10,300	9,300				
120	9,890	8,890					9,260	8,240				
125	8,920	7,930					8,270	7,290				
130	8,030	7,050					7,360	6,410				
135	7,200	6,240					6,530	5,580				
140	6,430	5,500						4,820				
145	5,720	4,800						4,120				
150	5,070	4,150						3,480				
155		3,550										
160		2,980										

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(Section 3 of 4)

RATED LIFTING CAPACITIES IN POUNDS AT INTERMEDIATE BOOM LENGTHS (cont'd.)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1200**											
in Feet	88.7-104.5	118.8-134.4	134.4-150.1	87.9-103.4	103.4-119.0	119.0-134.7	88.3-103.9	103.9-119.5	119.5-135.2	135.2-150.9	103.9-119.6	119.6-135.3
I	0-50%	0%	0-50%	0%	0%	0-50%	0%	0%	0-50%	50-100%	0-50%	50-100%
II	50%	0-50%	50%	0%	0-50%	50%	0-50%	50-100%	100%	100%	50%	50%
III	50%	50%	50%	0-50%	50%	50%	50%	50%	50%	50%	50%	50%
IV	50%	100%	100%	50%	50%	50%	50%	50%	50%	50%	50%	50%
V	0%	100%	100%	100%	100%	100%	50%	50%	50%	50%	50%	50%
10	68,000			77,000			73,000					
12	68,000			72,200			73,000					
15	68,000			65,000	68,000		73,000	60,000			68,000	
20	68,000	48,000	41,800	55,000	61,000	57,000	73,000	60,000	60,000	37,800	68,000	50,000
25	68,000	43,000	41,800	48,000	54,200	55,000	70,000	59,000	59,000	37,400	68,000	49,000
30	68,000	38,600	40,400	42,000	48,300	50,000	62,000	56,000	56,000	37,000	68,000	48,000
35	68,000	34,800	37,000	37,600	43,450	45,000	55,000	49,000	49,000	36,200	61,000	46,000
40	64,450	31,000	33,800	33,800	39,500	41,400	50,000	44,000	44,000	35,600	56,000	45,000
45	55,550	28,200	30,600	30,200	36,100	38,200	45,000	40,000	40,000	34,600	51,000	43,600
50	48,350	26,000	28,400	27,600	33,250	35,400	41,200	36,600	36,600	33,800	47,000	40,400
55	41,250	24,200	26,200	25,600	30,800	32,800	38,000	33,400	33,400	32,800	43,050	37,000
60	35,250	22,400	24,600	23,800	28,650	30,200	34,800	30,400	30,400	30,400	37,050	34,200
65	30,550	20,800	23,000	22,200	26,800	28,400	32,000	28,000	28,000	28,000	32,200	30,850
70	26,600	19,400	21,600	20,800	25,150	26,800	29,700	26,000	26,000	26,000	28,300	26,900
75	23,300	18,200	20,200	19,600	23,650	25,400	26,350	24,200	24,200	23,450	25,000	23,550
80	20,500	17,000	19,000	18,800	22,350	23,400	23,500	22,600	21,850	20,600	22,150	20,750
85	18,050	15,200	17,800	18,800	21,200	20,950	21,000	20,150	19,400	18,200	19,750	18,350
90	15,900	14,200	16,800		20,150	18,850	18,800	18,050	17,300	16,150	17,650	16,250
95		13,400	15,600		14,650	17,000		16,150	15,600	14,450	15,750	14,550
100		12,800	14,400		14,650	15,450		14,550	13,950	12,800	14,150	12,950
105		12,000	13,600			13,950			12,500	11,350		11,500
110		12,000	13,000			12,600			11,150	10,100		10,150
115		12,000	12,050			11,400			9,970	8,930		8,980
120			10,950							7,860		
125			9,970							6,880		
130			9,050							5,980		
135			8,220							5,160		

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(Section 4 of 4)

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (EXTENDING)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1200**												
in Feet	42.3-58.0	58.0-73.8	42.3-57.9	57.9-73.6	57.9-73.5	42.3-57.8	57.8-73.4	73.4-89.1	57.8-73.3	42.3-57.5	57.5-72.6	72.6-87.9	87.9-103.3
I	0-50%	50-100%	0%	0-50%	00%	0%	0%	0-50%	0%	0%	0%	0%	0%
II	0%	0%	0-50%	50%	50-100%	0%	0-50%	50%	0%	0%	0%	0%	0%
III	0%	0%	0%	0%	0%	0-50%	50%	50%	50-100%	0%	0%	0%	0%
IV	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0-50%	50-100%
V	0%	0%	0%	0%	0%	0%	0%	0%	0%	0-50%	50-100%	100%	100%
10	53,000	33,600	57,000	50,000	33,400	63,000	55,000	50,000	28,400	69,000	32,600	63,000	28,200
12	52,600	32,150	57,000	50,000	31,800	62,200	54,600	49,200	27,600	69,000	30,900	61,400	27,200
15	52,000	30,000	57,000	50,000	29,400	61,000	54,000	48,000	26,400	69,000	28,400	59,000	25,800
20	52,000	26,800	57,000	49,000	26,800	61,000	53,000	44,000	24,600	69,000	26,600	53,000	23,600
25	52,000	24,800	57,000	48,000	24,800	61,000	52,000	43,000	23,200	68,000	25,400	46,000	22,000
30	52,000	23,400	57,000	48,000	23,600	61,000	52,000	42,000	22,000	62,000	24,200	40,000	20,600
35	52,000	22,200	57,000	48,000	22,400	61,000	52,000	41,600	21,000	56,000	23,400	35,800	19,000
40	52,000	21,400	57,000	48,000	21,800	61,000	52,000	41,200	20,200	52,000	22,600	32,200	18,000
45	50,750	20,600	52,500	48,000	21,000	53,950	52,000	40,800	19,600	48,000	21,800	28,800	16,800
50		20,200		44,850	20,600		47,350	40,800	19,200		21,400	26,400	15,400
55		19,800		37,900	20,400		40,750	39,450	19,000		21,200	24,400	13,200
60								33,550				22,600	12,800
65								28,850				21,200	12,400
70								24,900				19,800	11,800
75								21,550					11,400
80													11,000
85													10,800
90													10,600

80021546-1

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• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (EXTENDING) (cont'd.)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1200**											
in Feet	103.3-118.8	118.8-134.3	134.3-149.9	149.9-165.5	165.5-181.1	181.1-196.9	57.5-72.8	72.8-88.1	88.1-103.6	103.6-119.1	119.1-134.7	134.7-150.3
I	0%	0%	0%	0%	0-50%	50-100%	0%	0%	0%	0%	0%	0%
II	0%	0%	0-50%	50-100%	100%	100%	0%	0%	0%	0%	0-50%	50-100%
III	0-50%	50-100%	100%	100%	100%	100%	0%	0%	0-50%	50-100%	100%	100%
IV	100%	100%	100%	100%	100%	100%	0-50%	50-100%	100%	100%	100%	100%
V	100%	100%	100%	100%	100%	100%	50%	50%	50%	50%	50%	50%
10							65,000	31,600	57,000			
12							63,800	29,750	56,200			
15	52,000						62,000	27,000	55,000	22,600		
20	45,000	20,200	36,400	20,600			60,000	25,000	53,000	20,600	46,000	21,000
25	39,000	18,200	36,400	18,600	24,200		59,000	23,400	48,700	18,800	41,200	18,800
30	34,200	16,600	34,400	16,800	24,200	15,400	57,000	22,000	42,700	17,000	36,200	17,000
35	30,200	14,000	30,400	14,000	24,200	12,200	51,000	20,600	37,900	14,400	32,600	14,200
40	27,000	12,400	27,400	12,200	24,200	11,000	45,000	19,600	34,000	12,600	28,400	12,200
45	24,400	11,400	25,000	11,200	24,200	9,800	41,200	18,600	30,400	11,800	25,800	11,200
50	22,400	10,600	22,600	10,200	24,200	9,000	37,800	17,800	27,800	11,000	23,600	10,200
55	20,600	10,000	20,800	9,400	23,400	8,000	35,200	17,000	25,600	10,400	21,400	9,400
60	19,000	9,400	19,200	8,600	21,800	7,400		16,200	23,600	9,800	19,800	8,800
65	17,600	8,600	17,600	8,000	20,400	6,400		16,000	21,800	9,400	18,400	8,000
70	16,400	8,200	16,400	7,600	19,200	5,800		13,800	20,400	8,600	17,200	7,400
75	15,200	7,800	15,000	6,800	18,000	5,400			18,800	8,000	15,600	7,000
80	13,600	7,400	13,400	6,400	17,000	4,800			17,600	7,800	14,000	6,400
85	12,800	6,800	12,600	6,000	16,000	4,200			16,600	7,200	13,000	5,800
90	12,200	6,600	11,800	5,600	14,800	3,800			15,600	7,200	12,000	5,600
95	12,000	6,200	11,000	5,000	13,800	3,600				6,600	11,400	5,000
100	12,000	6,000	10,400	4,800	12,800	3,000				6,600	10,800	4,800
105		5,600	10,000	4,400	12,200	2,600					10,000	4,600
110		5,600	9,200	4,000	11,400						9,800	4,000
115		5,000	8,800	3,800	11,000						9,800	4,000
120			8,400	3,400	10,400							3,600
125			8,400	3,200	9,600							3,400
130			8,400	3,000	8,820							3,000
135			8,200	2,800	8,000							3,000
140				2,600	7,250							
145				2,400	6,550							
150				2,200	5,890							
155					5,280							
160					4,710							

80021546-2

(Section 2 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (EXTENDING) (cont'd.)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1200**											
in Feet	150.3-166.0	166.0-181.7	72.8-88.3	88.3-103.8	103.8-119.4	119.4-135.0	135.0-150.7	150.7-166.4	42.3-57.6	57.6-73.0	57.6-73.2	73.2-88.7
I	0-50%	50-100%	0%	0%	0%	0%	0-50%	50-100%	0%	0%	0%	0%
II	100%	100%	0%	0%	0-50%	50-100%	100%	100%	0%	0%	0%	0-50%
III	100%	100%	0-50%	50-100%	100%	100%	100%	100%	0%	0%	0-50%	50%
IV	100%	100%	50%	50%	50%	50%	50%	50%	0-50%	50-100%	50%	50%
V	50%	50%	50%	50%	50%	50%	50%	50%	0%	0%	0%	0%
10			58,000	25,600					67,000	33,200	59,000	54,000
12			57,200	24,700					66,600	31,800	58,600	53,200
15			56,000	23,400	51,000				66,000	29,800	58,000	52,000
20	31,600		55,000	21,400	49,000	21,200	41,600	19,800	66,000	27,000	57,000	51,000
25	31,600	17,800	53,000	19,600	46,000	19,400	39,800	18,000	66,000	25,400	56,000	50,000
30	31,600	15,400	53,000	18,200	41,200	17,600	38,200	15,600	66,000	24,200	56,000	49,000
35	31,600	12,400	50,000	16,800	36,600	14,600	36,800	12,400	66,000	23,200	55,000	48,000
40	31,400	11,000	45,000	15,400	32,800	12,800	35,600	11,200	64,050	22,600	55,000	47,000
45	30,200	10,000	41,200	12,600	29,200	11,800	34,200	10,200	55,100	21,800	51,000	47,000
50	28,000	8,800	37,800	12,000	26,800	10,800	31,400	9,200		21,400	46,000	44,000
55	26,000	8,000	35,200	11,400	24,600	10,200	28,400	8,000		21,000	42,600	42,600
60	24,200	7,200	32,800	10,800	22,600	9,200	26,000	7,400				36,650
65	22,400	6,200	30,600	10,400	21,000	8,600	24,000	6,600				31,850
70	20,800	6,000	28,600	10,000	19,400	8,000	22,400	5,800				27,850
75	19,400	5,200		9,800	18,200	7,400	20,600	5,200				
80	18,000	4,600		9,200	17,000	7,000	19,200	4,800				
85	16,800	4,000		9,200	16,000	6,400	18,000	4,000				
90	15,400	3,600		8,800	14,200	6,000	16,600	3,800				
95	14,200	3,000			12,800	5,600	15,200	3,200				
100	13,000	2,800			12,800	5,200	14,000	3,000				
105	12,400	2,200				4,800	12,800	2,400				
110	11,600					4,800	11,500					
115	10,950					4,800	10,300					
120	9,890						9,260					
125	8,920						8,270					
130	8,030						7,360					
135	7,200						6,530					
140	6,430											
145	5,720											
150	5,070											

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(Section 3 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (EXTENDING) (cont'd.)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1200**											
in Feet	88.7-104.5	118.8-134.4	134.4-150.1	87.9-103.4	103.4-119.0	119.0-134.7	88.3-103.9	103.9-119.5	119.5-135.2	135.2-150.9	103.9-119.6	119.6-135.3
I II III IV V	0-50% 50% 50% 50% 0%	0% 0-50% 50% 100% 100%	0-50% 50% 50% 100% 100%	0% 0% 0-50% 50% 100%	0% 0-50% 50% 50% 100%	0-50% 50% 50% 50% 100%	0% 0-50% 50% 50% 50%	0% 50-100% 50% 50% 50%	0-50% 100% 50% 50% 50%	50-100% 100% 50% 50% 50%	0-50% 50% 50% 50% 50%	50-100% 50% 50% 50% 50%
10	51,000			57,000			54,000					
12	49,000			56,200			53,200					
15	46,000			55,000	51,000		52,000	24,400			45,000	
20	43,200	46,000	41,800	53,000	49,000	42,400	50,000	22,400	41,800	20,800	42,800	21,600
25	42,000	41,000	40,400	46,000	47,000	40,600	48,000	20,200	40,200	18,400	41,400	19,200
30	41,000	36,600	38,400	40,000	43,800	39,600	47,000	18,600	39,200	16,200	39,800	17,400
35	40,000	33,200	35,200	35,800	42,600	38,200	43,600	17,000	37,600	12,800	38,800	14,400
40	39,000	29,400	32,200	32,200	39,400	37,000	42,800	15,400	36,200	11,600	37,800	12,600
45	38,200	26,800	29,200	28,800	36,100	36,000	42,000	12,600	35,400	10,400	36,800	11,400
50	37,800	24,800	27,000	26,400	33,250	33,800	39,200	11,800	34,200	9,400	35,800	10,400
55	37,200	23,000	25,000	24,400	30,800	31,200	36,200	11,000	31,200	8,800	35,200	9,600
60	35,250	21,200	23,400	22,600	28,650	28,800	33,200	10,200	28,800	7,600	34,800	8,800
65	30,550	19,800	21,800	21,200	26,800	27,200	30,600	9,600	26,800	7,000	32,200	8,000
70	26,600	18,400	20,600	19,800	25,150	25,600	28,600	9,200	24,800	6,400	28,300	7,600
75	23,300	17,200	19,400	18,600	23,650	24,200	26,350	8,800	23,000	5,800	25,000	6,800
80	20,500	16,200	18,000	17,800	22,350	22,800	23,500	8,200	21,400	5,200	22,150	6,400
85	18,050	14,400	17,000	17,800	21,200	20,950	21,000	8,000	19,400	4,600	19,750	6,000
90	15,900	13,400	16,000		20,150	18,850	18,800	7,400	17,300	4,200	17,650	5,600
95		12,800	14,800		14,650	17,000		7,200	15,600	4,000	15,750	5,000
100		12,200	13,600		14,650	15,450		6,800	13,950	3,400	14,150	4,800
105		11,400	13,000			13,950			12,500	3,000		4,400
110		11,400	12,400			12,600			11,150	2,800		4,200
115		11,400	11,800			11,400			9,970	2,400		4,000
120			10,950							2,200		
125			9,970									
130			9,050									
135			8,220									

80021546-4

(Section 4 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (RETRACTING)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius in Feet	Main Boom Length in Feet - SLI code **#1200**												
	42.3-58.0	58.0-73.8	42.3-57.9	57.9-73.6	57.9-73.5	42.3-57.8	57.8-73.4	73.4-89.1	57.8-73.3	42.3-57.5	57.5-72.6	72.6-87.9	87.9-103.3
I II III IV V	0-50% 0% 0% 0% 0%	50-100% 0% 0% 0% 0%	0% 0-50% 0% 0% 0%	0-50% 50% 0% 0% 0%	00% 50-100% 0% 0% 0%	0% 0% 0-50% 0% 0%	0% 0-50% 50% 0% 0%	0-50% 50% 50% 0% 0%	0% 0% 50-100% 0% 0%	0% 0% 0% 0% 0-50%	0% 0% 0% 0% 50-100%	0% 0% 0% 0-50% 100%	0% 0% 0% 50-100% 100%
10	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	84,000	54,000	74,000	58,000
12	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	84,000	54,000	69,200	54,800
15	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	84,000	54,000	62,000	50,000
20	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	79,000	54,000	53,000	43,200
25	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	70,000	47,000	46,000	37,600
30	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	62,000	41,000	40,000	33,000
35	66,000	59,000	71,000	65,000	57,000	74,300	70,000	65,000	52,000	56,000	37,000	35,800	29,200
40	59,700	58,900	61,400	60,900	57,000	62,850	62,850	62,600	48,000	52,000	33,600	32,200	26,200
45	50,750	50,050	52,500	52,000	52,500	53,950	53,950	53,700	42,800	48,000	30,200	28,800	23,800
50		42,200		44,850	43,600		47,350	46,550	39,000		27,600	26,400	21,800
55		32,000		37,900	32,400		40,750	39,450	32,600		25,800	24,400	19,800
60								33,550				22,600	18,400
65								28,850				21,200	17,200
70								24,900				19,800	15,800
75								21,550					14,400
80													13,200
85													11,800
90													9,400

80021547-1

(Section 1 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (RETRACTING) (cont'd.)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1200**											
in Feet	103.3-118.8	118.8-134.3	134.3-149.9	149.9-165.5	165.5-181.1	181.1-196.9	57.5-72.8	72.8-88.1	88.1-103.6	103.6-119.1	119.1-134.7	134.7-150.3
I II III IV V	0% 0% 0-50% 100% 100%	0% 0% 50-100% 100% 100%	0% 0-50% 100% 100% 100%	0% 50-100% 100% 100% 100%	0-50% 100% 100% 100% 100%	50-100% 100% 100% 100% 100%	0% 0% 0% 0-50% 50%	0% 0% 0% 50-100% 50%	0% 0% 0-50% 100% 50%	0% 0% 50-100% 100% 50%	0% 0-50% 100% 100% 50%	0% 50-100% 100% 100% 50%
10							80,000	55,000	73,000			
12							80,000	55,000	69,400			
15	52,000						80,000	55,000	64,000	47,000		
20	45,000	35,200	36,400	26,000			74,000	51,000	56,000	46,000	46,000	31,600
25	39,000	34,800	36,400	26,000	24,200		64,000	44,000	48,700	41,200	41,200	31,600
30	34,200	33,000	34,400	26,000	24,200	18,600	57,000	38,400	42,700	36,200	36,200	31,600
35	30,200	29,400	30,400	26,000	24,200	18,600	51,000	34,400	37,900	32,600	32,600	31,600
40	27,000	26,400	27,400	26,000	24,200	18,400	45,000	30,200	34,000	28,400	28,400	31,200
45	24,400	24,000	25,000	25,800	24,200	18,400	41,200	27,400	30,400	25,800	25,800	29,000
50	22,400	22,000	22,600	24,200	24,200	18,400	37,800	25,200	27,800	23,600	23,600	26,200
55	20,600	20,200	20,800	20,800	23,400	18,000	35,200	23,200	25,600	21,400	21,400	21,000
60	19,000	18,200	19,200	16,600	21,800	15,600		21,400	23,600	19,400	19,800	16,800
65	17,600	15,800	17,600	15,400	20,400	14,800		20,000	21,800	16,000	18,400	15,600
70	16,400	15,400	16,400	14,200	19,200	11,600		16,800	20,400	15,600	17,200	14,000
75	15,200	13,800	15,000	11,200	18,000	8,600			18,800	14,000	15,600	10,800
80	13,600	11,200	13,400	9,000	17,000	6,600			17,600	11,200	14,000	8,400
85	12,800	9,200	12,600	7,000	16,000	4,800			16,600	9,000	13,000	6,400
90	12,200	7,600	11,800	5,600	14,800	3,200			15,600	7,200	12,000	5,000
95	12,000	6,200	11,000	4,200	13,800					5,800	11,400	3,600
100	12,000	5,000	10,400	3,200	12,800					4,400	10,800	2,400
105		4,000	10,000	2,200	12,200						10,000	
110		3,000	9,200		11,400						9,800	
115		2,200	8,800		11,000						9,800	
120			8,400		10,400							
125			8,400		9,600							
130			8,400		8,820							
135			8,200		8,000							
140					7,250							
145					6,550							
150					5,890							
155					5,280							
160					4,710							

80021547-2

(Section 2 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (RETRACTING) (cont'd.)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1200**											
in Feet	150.3-166.0	166.0-181.7	72.8-88.3	88.3-103.8	103.8-119.4	119.4-135.0	135.0-150.7	150.7-166.4	42.3-57.6	57.6-73.0	57.6-73.2	73.2-88.7
I II III IV V	0-50% 100% 100% 100% 50%	50-100% 100% 100% 100% 50%	0% 0% 0-50% 50% 50%	0% 0% 50-100% 50% 50%	0% 0-50% 100% 50% 50%	0% 50-100% 100% 50% 50%	0-50% 100% 100% 50% 50%	50-100% 100% 100% 50% 50%	0% 0% 0% 0-50% 0%	0% 0% 0% 50-100% 0%	0% 0% 0-50% 50% 0%	0% 0-50% 50% 50% 0%
10			74,000	52,000					81,000	56,000	74,000	69,000
12			74,000	52,000					81,000	56,000	74,000	69,000
15			74,000	52,000	63,000				81,000	56,000	74,000	69,000
20	31,600		73,000	52,000	54,000	41,600	41,600	28,800	81,000	56,000	74,000	69,000
25	31,600	23,000	64,000	47,000	47,000	41,400	41,400	28,800	81,000	54,000	74,000	69,000
30	31,600	22,800	57,000	41,200	41,200	41,400	41,400	28,600	80,000	49,000	70,000	69,000
35	31,600	22,800	51,000	36,600	36,600	40,600	40,800	28,200	73,000	43,000	62,000	62,000
40	31,400	22,400	45,000	32,800	32,800	37,200	38,000	28,000	64,050	38,800	56,000	56,000
45	30,200	22,400	41,200	29,200	29,200	32,600	34,400	27,400	55,100	35,200	51,000	51,000
50	28,000	22,000	37,800	26,800	26,800	29,200	31,400	24,800		32,200	46,000	46,000
55	26,000	18,200	35,200	24,600	24,600	22,400	28,400	18,600		29,200	42,600	42,600
60	24,200	15,600	32,800	22,000	22,600	17,400	26,000	15,600				36,650
65	22,400	14,400	30,600	17,600	21,000	15,600	24,000	14,400				31,850
70	20,800	11,000	28,600	15,400	19,400	14,800	22,400	10,800				27,850
75	19,400	8,000		15,200	18,200	11,400	20,600	7,600				
80	18,000	5,600		12,200	17,000	8,600	19,200	5,200				
85	16,800	3,800		9,600	16,000	6,600	18,000	3,400				
90	15,400	2,200		7,200	14,200	5,000	16,600					
95	14,200				12,800	3,600	15,200					
100	13,000				12,800	2,400	14,000					
105	12,400						12,800					
110	11,600						11,500					
115	10,950						10,300					
120	9,890						9,260					
125	8,920						8,270					
130	8,030						7,360					
135	7,200						6,530					
140	6,430											
145	5,720											
150	5,070											

80021547-3

(Section 3 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (RETRACTING) (cont'd.)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1200**											
in Feet	88.7-104.5	118.8-134.4	134.4-150.1	87.9-103.4	103.4-119.0	119.0-134.7	88.3-103.9	103.9-119.5	119.5-135.2	135.2-150.9	103.9-119.6	119.6-135.3
I II III IV V	0-50% 50% 50% 50% 0%	0% 0-50% 50% 100% 100%	0-50% 50% 50% 100% 100%	0% 0% 0-50% 50% 100%	0% 0-50% 50% 50% 100%	0-50% 50% 50% 50% 100%	0% 0-50% 50% 50% 50%	0% 50-100% 50% 50% 50%	0-50% 100% 50% 50% 50%	50-100% 100% 50% 50% 50%	0-50% 50% 50% 50% 50%	50-100% 50% 50% 50% 50%
10	65,000			73,000			69,000					
12	65,000			68,600			69,000					
15	65,000			62,000	65,000		69,000	57,000			65,000	
20	65,000	46,000	41,800	53,000	58,000	57,000	69,000	57,000	57,000	36,000	65,000	47,000
25	65,000	41,000	41,200	46,000	53,000	53,000	67,000	56,000	56,000	35,600	65,000	47,000
30	65,000	36,600	38,400	40,000	48,000	48,000	59,000	53,000	53,000	35,200	64,000	46,000
35	65,000	33,200	35,200	35,800	43,200	43,200	53,000	47,000	47,000	34,600	58,000	44,000
40	64,000	29,400	32,200	32,200	39,400	39,400	47,000	42,200	42,200	33,800	53,000	42,800
45	55,550	26,800	29,200	28,800	36,100	36,400	42,600	37,000	38,200	31,800	49,000	35,400
50	48,350	24,800	27,000	26,400	33,250	33,800	39,200	30,800	34,800	26,650	44,000	30,200
55	41,250	23,000	25,000	24,400	30,800	31,200	36,200	25,600	31,800	19,800	41,200	23,000
60	35,250	21,200	23,400	22,600	28,650	28,800	33,200	20,000	28,800	15,600	37,050	17,600
65	30,550	19,800	21,800	21,200	26,800	27,200	30,600	15,800	26,800	15,200	32,200	15,400
70	26,600	18,400	20,600	19,800	25,150	25,600	28,600	15,400	24,800	11,600	28,300	14,400
75	23,300	17,200	19,400	18,600	23,650	24,200	26,350	13,400	23,000	8,200	25,000	10,600
80	20,500	16,200	18,000	17,800	22,350	22,800	23,500	10,200	21,400	5,800	22,150	8,000
85	18,050	14,400	17,000	17,800	21,200	20,950	21,000	7,800	19,400	3,800	19,750	5,600
90	15,900	13,400	16,000		20,150	18,850	18,800	6,000	17,300	2,200	17,650	3,800
95		12,800	14,800		14,650	17,000		4,200	15,600		15,750	2,200
100		12,200	13,600		14,650	15,450		2,600	13,950		14,150	
105		11,400	13,000			13,950			12,500			
110		11,400	12,400			12,600			11,150			
115		11,400	11,800			11,400			9,970			
120			10,950									
125			9,970									
130			9,050									
135			8,220									

80021547-4

(Section 4 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI

• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. MANUAL EXTENSION AT 0° FIXED OFFSET ANGLE
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3200									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
20	31,400	26,400	28,600							
25	31,400	26,400	28,600	20,600	24,200					
30	31,400	26,400	28,600	20,600	24,200	16,400	19,200	13,400	14,600	
35	31,400	26,400	28,600	20,600	24,200	16,400	19,200	13,400	14,600	11,600
40	31,200	26,400	28,600	20,600	24,200	16,400	19,200	13,400	14,600	11,600
45	30,400	26,400	28,400	20,600	24,200	16,400	19,200	13,400	14,600	11,600
50	29,600	25,000	28,000	20,600	24,200	16,400	19,200	13,400	14,600	11,600
55	28,800	23,600	27,400	20,000	24,200	16,400	19,200	13,400	14,600	11,600
60	28,000	22,200	26,800	19,000	24,200	16,400	19,200	13,400	14,600	11,600
65	26,600	21,000	26,400	18,000	24,200	16,400	19,200	13,400	14,600	11,600
70	25,400	19,800	25,600	16,800	23,600	15,600	19,200	13,400	14,600	11,600
75	24,200	18,800	24,400	15,600	22,600	14,600	19,200	13,400	14,600	11,600
80	23,000	17,800	21,850	14,400	21,350	13,400	19,200	13,400	14,600	11,600
85	20,850	16,600	19,400	13,400	18,900	12,600	18,000	13,000	14,600	11,600
90	18,700	15,600	17,250	12,800	16,800	11,800	16,800	12,400	14,200	11,600
95	16,850	14,600	15,550	12,200	15,100	11,200	15,150	11,800	13,400	11,600
100	15,300	13,600	13,900	11,600	13,450	10,600	13,500	11,200	12,800	11,400
105	13,850	13,200	12,450	11,000	12,000	10,000	12,000	10,600	12,200	11,000
110	12,500	12,600	11,100	10,400	10,700	9,600	10,700	10,000	11,050	10,600
115	11,300	11,900	9,950	10,000	9,520	9,000	9,550	9,600	9,870	10,000
120	10,250	10,800	8,880	9,600	8,460	8,600	8,480	9,200	8,800	9,300
125	9,270	9,830	7,900	9,200	7,490	8,200	7,510	8,800	7,820	8,320
130	8,380	8,930	7,020	8,800	6,600	7,800	6,620	8,400	6,930	7,430
135	7,570	8,100	6,200	8,280	5,780	7,400	5,810	7,610	6,120	6,610
140		7,350	5,460	7,510	5,040	7,000	5,060	6,850	5,370	5,850
145		6,650	4,770	6,810	4,350	6,600	4,370	6,150	4,670	5,160
150		6,010	4,140	6,160	3,710	6,230	3,730	5,500	4,030	4,510
155		5,430	3,570	5,560	3,120	5,620	3,140	4,890	3,430	3,910
160				5,010	2,580	5,060	2,580	4,330	2,880	3,360
165				4,490	2,070	4,540	2,070	3,810	2,360	2,840
170				4,020	1,610	4,060	1,600	3,320	1,880	2,350
175						3,600	1,150	2,870	1,430	1,900
180						3,180		2,440	1,010	1,470
185								2,040		1,070
190								1,670		
195								1,320		
200								1,000		

80020702

RATED LIFTING CAPACITIES IN POUNDS
36 FT. MANUAL EXTENSION AT 20° FIXED OFFSET ANGLE
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3201									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
30	28,000									
35	27,200	24,600	25,800							
40	26,400	24,200	25,200	20,600	23,200	16,400	19,200			
45	25,400	23,400	24,800	20,600	22,800	16,400	19,200	13,400	14,600	
50	24,400	22,200	24,400	20,000	22,600	16,400	19,200	13,400	14,600	11,600
55	23,400	21,000	23,800	19,000	22,400	16,400	19,200	13,400	14,600	11,600
60	22,400	20,000	23,000	17,800	22,000	16,400	19,200	13,400	14,600	11,600
65	21,600	19,000	22,200	16,000	21,800	15,800	19,200	13,400	14,600	11,600
70	21,000	18,000	21,600	15,200	21,600	14,800	19,200	13,400	14,600	11,600
75	20,200	16,800	21,000	14,400	21,000	14,000	19,000	13,400	14,600	11,600
80	19,600	15,800	20,200	13,600	20,600	13,200	18,200	13,400	14,600	11,600
85	19,000	15,000	19,600	13,000	19,800	12,400	17,400	12,800	14,400	11,600
90	18,600	14,400	18,450	12,400	18,050	11,800	16,400	12,200	13,800	11,600
95	17,750	13,800	16,450	11,800	16,100	11,200	15,400	11,600	13,200	11,600
100	15,950	13,200	14,850	11,200	14,500	10,600	14,400	11,000	12,600	11,400
105	14,550	12,600	13,300	10,600	12,950	10,000	13,050	10,600	12,000	10,800
110	13,100	12,200	11,900	10,200	11,550	9,600	11,650	10,000	11,600	10,400
115	11,850	11,600	10,650	9,800	10,300	9,000	10,400	9,600	10,750	10,000
120	10,700	11,200	9,500	9,400	9,180	8,600	9,270	9,200	9,620	9,600
125	9,640	10,300	8,450	9,000	8,140	8,200	8,230	8,800	8,580	9,090
130	8,660	9,340	7,490	8,600	7,190	7,800	7,280	8,400	7,630	8,140
135	7,770	8,450	6,610	8,200	6,310	7,400	6,410	8,000	6,760	7,270
140		7,630	5,790	7,900	5,500	7,000	5,610	7,380	5,960	6,470
145		6,870	5,030	7,150	4,760	6,800	4,860	6,630	5,220	5,730
150		6,170	4,330	6,450	4,060	6,400	4,170	5,950	4,530	5,040
155		5,500	3,660	5,800	3,410	5,950	3,530	5,300	3,890	4,400
160				5,190	2,800	5,340	2,930	4,700	3,300	3,810
165				4,620	2,230	4,780	2,370	4,140	2,740	3,250
170				4,080	1,690	4,250	1,840	3,620	2,210	2,730
175						3,760	1,340	3,130	1,720	2,240
180						3,290		2,660	1,260	1,780
185								2,230		1,350
190								1,810		
195								1,420		

80020703

RATED LIFTING CAPACITIES IN POUNDS
36 FT. MANUAL EXTENSION AT 40° FIXED OFFSET ANGLE
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3202									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
40	21,000	20,800	21,000							
45	20,400	20,400	20,600	19,400	20,400					
50	20,000	19,800	20,200	19,200	20,200	16,400	18,600	13,400	14,600	
55	19,400	19,200	19,800	18,400	19,800	16,400	18,600	13,400	14,600	11,600
60	19,000	18,600	19,200	17,400	19,400	16,400	18,600	13,400	14,600	11,600
65	18,600	17,800	18,800	15,600	19,000	15,400	18,400	13,400	14,600	11,600
70	18,200	17,000	18,400	14,800	18,600	14,600	18,200	13,400	14,600	11,600
75	17,800	16,000	18,200	14,000	18,400	14,000	18,000	13,400	14,600	11,600
80	17,600	15,200	17,800	13,400	18,000	13,400	17,800	13,400	14,600	11,600
85	17,000	14,400	17,400	12,800	17,800	12,600	17,200	13,000	14,400	11,600
90	16,600	14,000	16,800	12,200	17,400	12,000	16,200	12,400	13,800	11,600
95	16,000	13,400	16,400	11,600	16,900	11,400	15,200	11,800	13,200	11,600
100	15,600	13,000	15,450	11,200	15,200	10,800	14,400	11,200	12,600	11,400
105	14,900	12,600	13,800	10,600	13,550	10,200	13,700	10,600	12,000	11,000
110	13,400	12,000	12,300	10,200	12,100	9,800	12,250	10,200	11,600	10,600
115	12,000	11,600	11,000	9,800	10,750	9,200	10,950	9,800	11,000	10,000
120	10,800	11,200	9,780	9,400	9,580	8,800	9,740	9,200	10,100	9,600
125		10,450	8,660	9,000	8,470	8,400	8,650	8,800	9,050	9,200
130		9,450	7,630	8,600	7,460	8,000	7,640	8,400	8,050	8,590
135		8,500	6,670	8,400	6,520	7,600	6,720	8,200	7,130	7,680
140				8,000	5,660	7,200	5,860	7,660	6,280	6,830
145				7,220	4,850	6,800	5,070	6,880	5,500	6,050
150						6,600	4,330	6,150	4,770	5,330
155						6,030	3,640	5,470	4,090	4,650
160								4,840	3,450	4,020
165								4,240	2,850	3,430
170								3,680	2,290	2,880
175										2,350
180										1,860

80020704

RATED LIFTING CAPACITIES IN POUNDS
59 FT. MANUAL EXTENSION AT 0° FIXED OFFSET ANGLE
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3210									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
25	14,800									
30	14,800	12,800	13,800	11,000	12,600					
35	14,600	12,800	13,800	11,000	12,600	9,400	11,000			
40	14,400	12,800	13,800	11,000	12,600	9,400	11,000	8,400	9,000	7,730
45	14,200	12,800	13,800	11,000	12,600	9,400	11,000	8,400	9,000	7,730
50	14,000	12,800	13,600	11,000	12,600	9,400	11,000	8,400	9,000	7,730
55	13,800	12,800	13,400	11,000	12,600	9,400	11,000	8,400	9,000	7,730
60	13,600	12,600	13,200	11,000	12,400	9,400	11,000	8,400	9,000	7,730
65	13,400	12,400	13,000	11,000	12,200	9,400	11,000	8,400	9,000	7,730
70	13,000	12,400	12,800	11,000	12,200	9,400	11,000	8,400	9,000	7,730
75	12,800	12,200	12,600	11,000	12,000	9,400	11,000	8,400	9,000	7,730
80	12,600	12,000	12,400	11,000	12,000	9,400	11,000	8,400	9,000	7,730
85	12,400	11,800	12,400	11,000	11,800	9,400	11,000	8,400	9,000	7,730
90	12,200	11,800	12,200	10,800	11,600	9,400	11,000	8,400	9,000	7,730
95	11,800	11,600	12,000	10,400	11,600	9,400	10,800	8,400	9,000	7,730
100	11,600	11,200	11,600	10,000	11,400	9,400	10,800	8,400	9,000	7,730
105	11,400	10,800	11,400	9,600	11,400	9,200	10,600	8,400	9,000	7,730
110	11,200	10,400	11,200	9,000	11,200	8,600	10,600	8,400	9,000	7,730
115	10,800	10,000	11,000	8,600	10,600	8,200	10,500	8,400	9,000	7,730
120	10,600	9,800	10,050	8,200	9,530	7,800	9,430	8,200	9,000	7,730
125	10,400	9,400	9,060	8,000	8,540	7,400	8,450	7,800	8,630	7,730
130	9,490	9,000	8,160	7,600	7,640	7,000	7,550	7,400	7,730	7,730
135	8,660	8,600	7,330	7,200	6,820	6,800	6,720	7,200	6,900	7,260
140	7,890	8,200	6,570	7,000	6,060	6,400	5,960	6,800	6,140	6,500
145	7,190	7,520	5,860	6,600	5,360	6,000	5,260	6,600	5,440	5,790
150	6,540	6,870	5,220	6,400	4,710	5,800	4,620	6,120	4,790	5,140
155	5,940	6,260	4,610	6,200	4,110	5,600	4,010	5,510	4,180	4,530
160	5,390	5,690	4,060	5,720	3,550	5,200	3,450	4,940	3,620	3,970
165		5,170	3,540	5,190	3,030	5,000	2,930	4,410	3,100	3,440
170		4,680	3,060	4,700	2,550	4,660	2,440	3,920	2,610	2,950
175		4,230	2,610	4,240	2,090	4,190	1,990	3,450	2,150	2,490
180				3,810	1,670	3,760	1,560	3,020	1,720	2,060
185				3,410	1,280	3,350	1,160	2,610	1,320	1,650
190				3,030		2,970		2,230		1,270
195						2,610		1,870		
200						2,270		1,530		
205						1,960		1,210		

80020705

RATED LIFTING CAPACITIES IN POUNDS
59 FT. MANUAL EXTENSION AT 20° FIXED OFFSET ANGLE
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3211									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
45	12,600									
50	12,400	11,800	12,200	11,000	11,600					
55	12,000	11,600	12,000	11,000	11,400	9,400	10,800	8,400	9,000	
60	11,800	11,400	11,800	10,800	11,400	9,400	10,600	8,400	9,000	8,000
65	11,600	11,200	11,600	10,800	11,200	9,400	10,600	8,400	9,000	8,000
70	11,400	11,000	11,400	10,600	11,200	9,400	10,600	8,400	9,000	8,000
75	11,200	11,000	11,200	10,600	11,000	9,400	10,400	8,400	9,000	8,000
80	11,000	10,800	11,000	10,400	10,800	9,400	10,400	8,400	9,000	8,000
85	10,800	10,600	10,800	10,200	10,600	9,400	10,400	8,400	9,000	8,000
90	10,600	10,400	10,600	10,000	10,600	9,400	10,200	8,400	9,000	8,000
95	10,400	10,200	10,400	9,800	10,400	9,400	10,200	8,400	9,000	8,000
100	10,200	10,200	10,400	9,600	10,200	9,400	10,000	8,400	9,000	8,000
105	10,000	9,800	10,200	9,200	10,200	9,200	10,000	8,400	9,000	8,000
110	9,800	9,600	10,000	8,800	10,000	8,800	9,800	8,400	9,000	8,000
115	9,600	9,400	9,800	8,400	10,000	8,400	9,800	8,400	9,000	8,000
120	9,600	9,200	9,800	8,000	9,800	8,000	9,800	8,400	9,000	8,000
125	9,400	8,800	9,600	7,800	9,800	7,600	9,600	8,000	8,800	8,000
130	9,200	8,600	9,220	7,400	8,840	7,200	8,820	7,600	8,600	7,800
135	9,000	8,400	8,300	7,200	7,920	6,800	7,910	7,200	8,130	7,600
140	8,550	8,000	7,440	6,800	7,080	6,600	7,070	7,000	7,290	7,200
145	7,750	7,800	6,650	6,600	6,290	6,200	6,290	6,600	6,510	6,880
150	7,000	7,470	5,920	6,400	5,570	6,000	5,560	6,400	5,790	6,160
155	6,300	6,790	5,230	6,200	4,890	5,600	4,890	6,000	5,120	5,500
160	5,630	6,150	4,580	5,800	4,250	5,400	4,260	5,720	4,490	4,870
165		5,540	3,980	5,600	3,650	5,200	3,670	5,140	3,910	4,290
170		4,970	3,400	5,150	3,090	4,800	3,120	4,590	3,360	3,740
175		4,430	2,850	4,620	2,560	4,600	2,590	4,070	2,840	3,230
180				4,130	2,060	4,200	2,100	3,590	2,360	2,750
185				3,650	1,580	3,740	1,640	3,130	1,900	2,290
190				3,200	1,120	3,300	1,190	2,690	1,460	1,860
195						2,890		2,280	1,050	1,450
200						2,490		1,890		1,070
205						2,100		1,520		
210								1,170		

80020706

RATED LIFTING CAPACITIES IN POUNDS
59 FT. MANUAL EXTENSION AT 40° FIXED OFFSET ANGLE
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3212									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
60	10,400	10,200	10,400							
65	10,200	10,000	10,200							
70	10,000	10,000	10,000	9,800	10,000	9,400	10,000			
75	9,800	9,800	9,800	9,800	10,000	9,400	9,800	8,400	9,000	
80	9,600	9,600	9,800	9,600	9,800	9,400	9,800	8,400	9,000	8,000
85	9,600	9,600	9,600	9,600	9,600	9,400	9,600	8,400	9,000	8,000
90	9,400	9,400	9,400	9,400	9,600	9,400	9,600	8,400	9,000	8,000
95	9,400	9,400	9,400	9,400	9,400	9,200	9,400	8,400	9,000	8,000
100	9,200	9,200	9,200	9,200	9,400	9,200	9,400	8,400	9,000	8,000
105	9,200	9,200	9,200	9,000	9,200	9,000	9,200	8,400	9,000	8,000
110	9,000	9,000	9,200	8,800	9,200	8,800	9,200	8,400	9,000	8,000
115	9,000	9,000	9,000	8,400	9,200	8,600	9,200	8,400	9,000	8,000
120	9,000	8,800	9,000	8,200	9,000	8,200	9,000	8,400	9,000	8,000
125	8,800	8,600	9,000	7,800	9,000	7,800	9,000	8,200	8,800	8,000
130	8,800	8,400	9,000	7,600	9,000	7,600	9,000	7,800	8,800	8,000
135	8,800	8,200	8,800	7,200	8,640	7,200	8,720	7,600	8,400	7,800
140	8,800	8,000	7,930	7,000	7,710	6,800	7,800	7,200	8,080	7,400
145	7,890	7,800	7,040	6,800	6,840	6,600	6,940	6,800	7,240	7,200
150		7,600	6,210	6,400	6,030	6,200	6,140	6,600	6,450	6,800
155		6,960	5,430	6,200	5,280	6,000	5,400	6,400	5,710	6,140
160				6,000	4,560	5,600	4,700	6,000	5,020	5,460
165				5,800	3,880	5,400	4,040	5,550	4,380	4,820
170				5,260	3,230	5,200	3,420	4,950	3,770	4,220
175						4,800	2,830	4,390	3,190	3,660
180						4,340	2,270	3,850	2,650	3,120
185								3,340	2,130	2,620
190								2,850	1,640	2,140
195								2,390	1,170	1,680
200										1,250

80020707

RATED LIFTING CAPACITIES IN POUNDS
85 FT. MANUAL EXTENSION AT 0° FIXED OFFSET ANGLE
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3220									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
30	12,000									
35	12,000	9,800	11,000							
40	12,000	9,800	11,000	8,200	9,800	6,800	8,400			
45	12,000	9,800	11,000	8,200	9,800	6,800	8,400	6,200	6,800	
50	12,000	9,800	11,000	8,200	9,800	6,800	8,400	6,200	6,800	5,600
55	12,000	9,800	11,000	8,200	9,800	6,800	8,400	6,200	6,800	5,600
60	11,800	9,800	11,000	8,200	9,800	6,800	8,400	6,200	6,800	5,600
65	11,600	9,800	11,000	8,200	9,800	6,800	8,400	6,200	6,800	5,600
70	11,200	9,800	11,000	8,200	9,800	6,800	8,400	6,200	6,800	5,600
75	10,800	9,800	10,600	8,200	9,800	6,800	8,400	6,200	6,800	5,600
80	10,400	9,800	10,400	8,200	9,800	6,800	8,400	6,200	6,800	5,600
85	10,000	9,600	10,200	8,200	9,800	6,800	8,400	6,200	6,800	5,600
90	9,800	9,400	9,800	8,200	9,600	6,800	8,400	6,200	6,800	5,600
95	9,400	9,200	9,600	8,200	9,400	6,800	8,400	6,200	6,800	5,600
100	9,000	8,800	9,200	8,200	9,200	6,800	8,400	6,200	6,800	5,600
105	8,800	8,600	9,000	7,800	9,000	6,800	8,400	6,200	6,800	5,600
110	8,400	8,200	8,800	7,400	8,800	6,800	8,400	6,200	6,800	5,600
115	8,200	7,800	8,400	7,000	8,600	6,800	8,400	6,200	6,800	5,600
120	8,000	7,600	8,200	6,800	8,200	6,600	8,200	6,200	6,800	5,600
125	7,600	7,200	8,000	6,400	8,000	6,200	8,000	6,200	6,800	5,600
130	7,400	7,000	7,800	6,000	7,800	6,000	7,800	6,200	6,800	5,600
135	7,200	6,800	7,400	5,800	7,190	5,600	7,000	6,000	6,800	5,600
140	7,000	6,400	6,980	5,600	6,420	5,400	6,230	5,600	6,300	5,600
145	6,800	6,200	6,270	5,200	5,710	5,000	5,520	5,400	5,590	5,600
150	6,600	6,000	5,610	5,000	5,050	4,800	4,870	5,000	4,940	5,180
155	6,270	5,800	5,000	4,800	4,450	4,600	4,260	4,800	4,330	4,570
160	5,690	5,600	4,430	4,600	3,880	4,200	3,690	4,600	3,760	4,000
165	5,160	5,340	3,900	4,400	3,350	4,000	3,160	4,400	3,230	3,470
170	4,660	4,840	3,400	4,200	2,850	3,800	2,670	3,910	2,730	2,970
175	4,200	4,370	2,940	4,000	2,390	3,600	2,210	3,450	2,270	2,510
180	3,770	3,930	2,510	3,800	1,960	3,400	1,770	3,010	1,840	2,070
185	3,370	3,520	2,100	3,450	1,550	3,200	1,360	2,590	1,430	1,660
190	3,000	3,140	1,720	3,060	1,170	2,940		2,200	1,040	1,270
195		2,780	1,370	2,690		2,570		1,840		
200		2,440	1,030	2,350		2,220		1,490		
205				2,030		1,900		1,160		
210				1,720		1,590				
215				1,440		1,300				
220						1,020				

80020762

RATED LIFTING CAPACITIES IN POUNDS
85 FT. MANUAL EXTENSION AT 20° FIXED OFFSET ANGLE
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3221									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
50	11,400									
55	11,000	9,800	10,600							
60	10,600	9,800	10,400	8,200	9,800	6,800	8,800			
65	10,200	9,800	10,200	8,200	9,600	6,800	8,800			
70	10,000	9,600	10,000	8,200	9,400	6,800	8,800	6,200	7,200	5,600
75	9,600	9,200	9,600	8,200	9,200	6,800	8,800	6,200	7,200	5,600
80	9,200	9,000	9,400	8,200	9,200	6,800	8,800	6,200	7,200	5,600
85	9,000	8,800	9,000	8,200	9,000	6,800	8,600	6,200	7,200	5,600
90	8,800	8,600	8,800	8,200	8,800	6,800	8,400	6,200	7,200	5,600
95	8,400	8,400	8,600	8,200	8,600	6,800	8,400	6,200	7,200	5,600
100	8,200	8,000	8,400	7,800	8,400	6,800	8,200	6,200	7,200	5,600
105	8,000	7,800	8,000	7,600	8,200	6,800	8,000	6,200	7,200	5,600
110	7,600	7,600	7,800	7,400	8,000	6,800	7,800	6,200	7,200	5,600
115	7,400	7,400	7,600	7,000	7,800	6,800	7,600	6,200	7,200	5,600
120	7,200	7,200	7,400	6,800	7,600	6,800	7,400	6,200	7,200	5,600
125	7,000	7,000	7,200	6,400	7,400	6,400	7,400	6,200	7,200	5,600
130	6,800	6,800	7,000	6,200	7,200	6,200	7,200	6,200	7,000	5,600
135	6,600	6,400	7,000	5,800	7,000	5,800	7,000	6,200	6,800	5,600
140	6,600	6,200	6,800	5,600	6,800	5,600	6,800	5,800	6,600	5,600
145	6,400	6,000	6,600	5,400	6,760	5,200	6,640	5,600	6,400	5,600
150	6,200	5,800	6,400	5,000	6,030	5,000	5,920	5,200	6,000	5,400
155	6,000	5,600	5,800	4,800	5,350	4,800	5,240	5,000	5,350	5,200
160	6,000	5,400	5,160	4,600	4,720	4,400	4,610	4,800	4,720	4,990
165	5,650	5,200	4,560	4,400	4,130	4,200	4,020	4,600	4,140	4,400
170	5,080	5,200	4,000	4,200	3,580	4,000	3,470	4,400	3,590	3,850
175	4,550	4,840	3,480	4,000	3,050	3,800	2,950	4,170	3,070	3,340
180	4,050	4,350	2,980	3,800	2,560	3,600	2,470	3,690	2,580	2,850
185	3,560	3,880	2,510	3,800	2,100	3,400	2,000	3,230	2,130	2,400
190	3,090	3,430	2,060	3,470	1,660	3,200	1,570	2,800	1,690	1,960
195		3,010	1,630	3,060	1,240	3,000	1,150	2,390	1,280	1,560
200		2,600	1,220	2,660		2,630		2,000		1,170
205				2,290		2,260		1,630		
210				1,930		1,910		1,280		
215				1,580		1,570				
220						1,250				

80020763

RATED LIFTING CAPACITIES IN POUNDS
85 FT. MANUAL EXTENSION AT 40° FIXED OFFSET ANGLE
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3222									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
70	9,000									
75	8,600	8,400	8,600	7,800	8,200					
80	8,400	8,200	8,400	7,800	8,200	6,800	7,800	5,800	6,800	
85	8,200	8,000	8,200	7,600	8,000	6,800	7,800	5,800	6,800	
90	8,000	7,800	8,000	7,600	7,800	6,800	7,600	5,800	6,800	5,600
95	7,800	7,600	7,800	7,400	7,800	6,800	7,600	5,800	6,800	5,600
100	7,600	7,400	7,600	7,400	7,600	6,800	7,400	5,800	6,800	5,600
105	7,400	7,400	7,400	7,200	7,400	6,800	7,400	5,800	6,800	5,600
110	7,200	7,200	7,400	7,200	7,400	6,800	7,200	5,800	6,800	5,600
115	7,000	7,000	7,200	7,000	7,200	6,800	7,000	5,800	6,800	5,600
120	6,800	6,800	7,000	6,800	7,000	6,600	7,000	5,800	6,600	5,600
125	6,800	6,800	6,800	6,400	7,000	6,600	6,800	5,800	6,600	5,600
130	6,600	6,600	6,800	6,200	6,800	6,400	6,800	5,800	6,600	5,600
135	6,400	6,400	6,600	6,000	6,600	6,200	6,600	5,800	6,600	5,600
140	6,400	6,200	6,400	5,800	6,600	5,800	6,600	5,800	6,400	5,600
145	6,200	6,000	6,400	5,400	6,400	5,600	6,400	5,800	6,400	5,600
150	6,200	5,800	6,200	5,200	6,400	5,400	6,400	5,600	6,200	5,600
155	6,000	5,800	6,200	5,000	5,920	5,000	5,890	5,400	6,000	5,600
160	6,000	5,600	5,540	4,800	5,220	4,800	5,200	5,000	5,370	5,200
165	5,790	5,400	4,880	4,600	4,570	4,400	4,550	4,800	4,720	5,000
170		5,200	4,250	4,400	3,950	4,200	3,940	4,600	4,120	4,430
175		4,990	3,660	4,200	3,370	4,000	3,370	4,400	3,560	3,870
180		4,440	3,090	4,000	2,820	3,800	2,830	4,080	3,020	3,340
185				3,800	2,300	3,600	2,320	3,580	2,520	2,840
190				3,580	1,790	3,400	1,830	3,110	2,040	2,370
195						3,200	1,360	2,660	1,580	1,920
200						2,760		2,230	1,150	1,490
205								1,820		1,090
210								1,430		
215								1,050		

80020764

RATED LIFTING CAPACITIES IN POUNDS
105 FT. MANUAL EXTENSION AT 0° FIXED OFFSET ANGLE
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3230									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
35	9,200									
40	9,200	7,400	8,400	6,400	7,800					
45	9,200	7,400	8,400	6,400	7,800	5,540	6,600			
50	9,200	7,400	8,400	6,400	7,800	5,540	6,600	4,600	5,200	3,920
55	9,200	7,400	8,400	6,400	7,800	5,540	6,600	4,600	5,200	3,920
60	9,200	7,400	8,400	6,400	7,800	5,540	6,600	4,600	5,200	3,920
65	9,000	7,400	8,400	6,400	7,800	5,540	6,600	4,600	5,200	3,920
70	8,800	7,400	8,400	6,400	7,800	5,540	6,600	4,600	5,200	3,920
75	8,400	7,400	8,200	6,400	7,800	5,540	6,600	4,600	5,200	3,920
80	8,200	7,400	8,000	6,400	7,800	5,540	6,600	4,600	5,200	3,920
85	8,000	7,400	7,800	6,400	7,600	5,540	6,600	4,600	5,200	3,920
90	7,600	7,200	7,600	6,400	7,400	5,540	6,600	4,600	5,200	3,920
95	7,400	7,000	7,400	6,400	7,200	5,540	6,600	4,600	5,200	3,920
100	7,200	6,800	7,200	6,400	7,000	5,540	6,600	4,600	5,200	3,920
105	7,000	6,600	7,000	6,400	7,000	5,540	6,600	4,600	5,200	3,920
110	6,800	6,400	6,800	6,200	6,800	5,540	6,400	4,600	5,200	3,920
115	6,400	6,200	6,600	6,000	6,600	5,540	6,200	4,600	5,200	3,920
120	6,200	6,200	6,400	5,800	6,400	5,540	6,200	4,600	5,200	3,920
125	6,000	6,000	6,200	5,400	6,200	5,400	6,000	4,600	5,200	3,920
130	5,800	5,800	6,000	5,200	6,200	5,200	5,800	4,600	5,200	3,920
135	5,600	5,600	5,800	5,000	6,000	4,800	5,800	4,600	5,200	3,920
140	5,400	5,400	5,600	4,600	5,800	4,600	5,600	4,600	5,200	3,920
145	5,200	5,000	5,400	4,400	5,600	4,400	5,600	4,600	5,200	3,920
150	5,000	4,800	5,400	4,200	5,220	4,000	4,990	4,400	5,000	3,920
155	4,800	4,600	5,180	4,000	4,610	3,800	4,370	4,000	4,380	3,920
160	4,800	4,400	4,610	3,800	4,030	3,600	3,800	3,800	3,810	3,920
165	4,600	4,400	4,070	3,600	3,500	3,400	3,270	3,600	3,280	3,450
170	4,400	4,200	3,570	3,400	3,000	3,200	2,770	3,400	2,780	2,950
175	4,320	4,000	3,100	3,200	2,540	3,000	2,300	3,200	2,310	2,480
180	3,880	3,800	2,660	3,000	2,100	2,800	1,860	2,960	1,870	2,040
185	3,460	3,550	2,250	2,800	1,680	2,600	1,450	2,550	1,460	1,630
190	3,080	3,160	1,860	2,720	1,290	2,400	1,060	2,160	1,070	1,240
195	2,710	2,790	1,500	2,530		2,180		1,790		
200	2,370	2,450	1,150	2,320		1,960		1,440		
205	2,050	2,120		1,990		1,750		1,100		
210		1,810		1,680						
215		1,520		1,380						
220		1,250								

80020772

RATED LIFTING CAPACITIES IN POUNDS
105 FT. MANUAL EXTENSION AT 20° FIXED OFFSET ANGLE
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3231									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
55	9,000									
60	8,600	7,400	8,400	6,400	7,800					
65	8,400	7,400	8,200	6,400	7,800					
70	8,200	7,400	7,800	6,400	7,600	5,600	6,600	4,600	5,200	
75	7,800	7,400	7,600	6,400	7,400	5,600	6,600	4,600	5,200	4,200
80	7,600	7,200	7,400	6,400	7,400	5,600	6,600	4,600	5,200	4,200
85	7,400	7,000	7,200	6,400	7,200	5,600	6,600	4,600	5,200	4,200
90	7,200	6,800	7,000	6,400	7,000	5,600	6,600	4,600	5,200	4,200
95	7,000	6,600	6,800	6,400	6,800	5,600	6,400	4,600	5,200	4,200
100	6,800	6,400	6,600	6,200	6,600	5,600	6,200	4,600	5,200	4,200
105	6,600	6,200	6,600	6,200	6,600	5,600	6,200	4,600	5,200	4,200
110	6,200	6,200	6,400	6,000	6,400	5,600	6,000	4,600	5,200	4,200
115	6,000	6,000	6,200	5,800	6,200	5,400	6,000	4,600	5,200	4,200
120	5,800	5,800	6,000	5,800	6,000	5,400	5,800	4,600	5,200	4,200
125	5,600	5,600	5,800	5,400	6,000	5,400	5,800	4,600	5,200	4,200
130	5,400	5,600	5,600	5,200	5,800	5,200	5,600	4,600	5,200	4,200
135	5,400	5,400	5,400	5,000	5,600	5,200	5,600	4,600	5,200	4,200
140	5,200	5,200	5,400	4,800	5,400	4,800	5,400	4,600	5,000	4,200
145	5,000	5,000	5,200	4,600	5,200	4,600	5,200	4,600	5,000	4,200
150	4,800	4,800	5,000	4,400	5,200	4,400	5,200	4,600	5,000	4,200
155	4,800	4,600	5,000	4,200	5,000	4,200	5,000	4,400	4,800	4,200
160	4,600	4,400	4,800	3,800	4,800	3,800	4,780	4,200	4,800	4,200
165	4,400	4,200	4,600	3,600	4,360	3,600	4,190	3,800	4,240	4,000
170	4,400	4,200	4,280	3,600	3,800	3,400	3,640	3,600	3,690	3,800
175	4,200	4,000	3,760	3,400	3,280	3,200	3,120	3,400	3,170	3,370
180	4,000	3,800	3,260	3,200	2,790	3,000	2,630	3,200	2,680	2,880
185	3,860	3,600	2,800	3,000	2,330	2,800	2,170	3,000	2,220	2,420
190	3,410	3,600	2,350	2,800	1,890	2,600	1,740	2,800	1,790	1,990
195	2,990	3,180	1,940	2,600	1,480	2,400	1,330	2,410	1,380	1,580
200	2,590	2,790	1,540	2,500	1,090	2,200		2,020		1,200
205	2,200	2,410	1,160	2,310		2,000		1,650		
210		2,050		2,030		1,780		1,300		
215		1,710		1,690						
220		1,380		1,370						

80020773

RATED LIFTING CAPACITIES IN POUNDS
105 FT. MANUAL EXTENSION AT 40° FIXED OFFSET ANGLE
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3232									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
75	7,000	6,400	6,800							
80	7,000	6,400	6,600	5,800	6,400	5,000	5,600			
85	6,800	6,200	6,600	5,800	6,400	5,000	5,600			
90	6,600	6,200	6,400	5,800	6,200	5,000	5,600	4,600	4,800	4,000
95	6,400	6,000	6,200	5,800	6,200	5,000	5,600	4,600	4,800	4,000
100	6,200	5,800	6,200	5,600	6,000	5,000	5,600	4,600	4,800	4,000
105	6,000	5,800	6,000	5,600	6,000	5,000	5,400	4,600	4,800	4,000
110	5,800	5,600	5,800	5,600	5,800	5,000	5,400	4,600	4,800	4,000
115	5,800	5,600	5,600	5,400	5,800	5,000	5,400	4,400	4,800	4,000
120	5,600	5,400	5,600	5,400	5,600	5,000	5,400	4,400	4,800	4,000
125	5,400	5,200	5,400	5,200	5,400	4,800	5,200	4,400	4,800	4,000
130	5,200	5,200	5,400	5,200	5,400	4,800	5,200	4,400	4,800	4,000
135	5,200	5,000	5,200	5,000	5,200	4,800	5,000	4,400	4,600	4,000
140	5,000	5,000	5,000	5,000	5,200	4,800	5,000	4,400	4,600	4,000
145	4,800	4,800	5,000	4,800	5,000	4,600	5,000	4,400	4,600	4,000
150	4,800	4,800	4,800	4,600	5,000	4,600	4,800	4,400	4,600	4,000
155	4,600	4,600	4,800	4,400	4,800	4,400	4,800	4,400	4,600	4,000
160	4,600	4,600	4,600	4,000	4,800	4,200	4,800	4,400	4,600	4,000
165	4,400	4,400	4,600	3,800	4,600	4,000	4,600	4,200	4,400	4,000
170	4,200	4,200	4,400	3,600	4,290	3,800	4,190	4,000	4,290	4,000
175	4,200	4,000	4,090	3,400	3,710	3,400	3,630	3,800	3,730	3,960
180	4,200	4,000	3,540	3,400	3,170	3,200	3,090	3,600	3,200	3,430
185		3,800	3,020	3,200	2,660	3,000	2,580	3,400	2,690	2,930
190		3,600	2,520	3,000	2,180	2,800	2,100	3,200	2,220	2,460
195		3,280	2,050	2,800	1,710	2,600	1,650	2,760	1,770	2,020
200				2,600	1,270	2,400	1,210	2,340	1,340	1,590
205				2,400		2,190		1,930		1,190
210						1,950		1,550		
215								1,180		

80020774

RATED LIFTING CAPACITIES IN POUNDS AT FIXED BOOM LENGTHS
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #1201																		
in Feet	42.3	57.5	57.6	57.8	57.9	58.0	72.6	72.8	73.0	73.2	73.3	73.4	73.5	73.6	73.8	87.9	88.3	88.7	89.1
Sect I	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	50%	100%	0%	0%	0%	50%
Sect II	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	50%	50%
Sect III	0%	0%	0%	50%	0%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	0%	50%	50%	50%
Sect IV	0%	0%	50%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	0%	0%	50%	50%	50%	0%
Sect V	0%	50%	0%	0%	0%	0%	100%	50%	0%	0%	0%	0%	0%	0%	0%	100%	50%	0%	0%
8	250,000																		
9	236,000																		
10	217,000	102,000	120,000	167,000	199,000	198,000	80,000	102,000	97,000	120,000	93,000	167,000	88,000	186,000	83,000	77,000	102,000	120,000	143,000
12	199,000	100,000	120,000	165,500	185,000	184,000	74,400	98,400	90,200	117,500	93,000	161,500	88,000	173,000	83,000	72,200	99,200	120,000	143,000
15	173,000	97,000	120,000	164,000	165,000	164,000	66,000	93,000	80,000	114,000	93,000	154,000	88,000	154,000	83,000	65,000	95,000	120,000	143,000
20	138,500	83,000	114,000	133,000	130,500	127,000	57,000	78,000	67,000	96,000	83,000	123,500	88,000	119,000	83,000	56,000	81,000	106,000	113,500
25	93,200	73,000	95,750	93,750	91,400	88,650	49,000	68,000	58,000	83,000	72,000	88,350	85,500	84,350	81,200	48,000	71,000	86,400	81,900
30	65,550	66,000	69,650	68,100	66,200	63,900	43,400	59,000	51,000	70,300	63,000	67,250	64,700	63,600	60,750	42,200	62,000	66,650	62,550
35		54,000	52,800	51,350	49,600	47,500	38,800	53,000	45,000	54,150	52,250	51,600	49,450	48,550	46,200	37,600	55,000	53,400	49,500
40		42,650	41,500	40,150	38,450	36,500	35,200	45,100	41,000	43,100	41,300	40,700	38,650	37,800	35,500	33,800	45,350	42,600	39,300
45		34,500	33,400	32,100	30,500	28,600	31,800	36,800	35,250	34,900	33,200	32,600	30,700	29,900	27,700	30,400	37,300	34,650	31,500
50							29,200	30,700	29,150	28,850	27,150	26,600	24,700	23,950	21,800	27,800	31,250	28,750	25,700
55							26,050	25,850	24,400	24,050	22,400	21,900	20,050	19,300	17,200	25,800	26,450	23,950	21,000
60																23,800	22,550	20,150	17,250
65																20,800	19,400	17,000	14,250
70																18,150	16,750	14,500	11,700
75																			9,520

Radius	Main Boom Length in Feet - SLI code #1201																
in Feet	103.3	103.9	104.5	118.8	119.0	119.6	134.3	134.7	135.3	149.9	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	0%	0%	50%	0%	0%	50%	0%	50%	100%	0%	50%	100%	0%	100%	50%	100%	100%
Sect II	0%	50%	50%	0%	50%	50%	0%	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	0%	50%	50%	50%	50%	50%	100%	50%	50%	100%	50%	50%	100%	100%	100%	100%	100%
Sect IV	100%	50%	50%	100%	50%	50%	100%	50%	50%	100%	100%	50%	100%	50%	100%	100%	100%
Sect V	100%	50%	0%	100%	100%	50%	100%	100%	50%	100%	100%	50%	100%	50%	100%	50%	100%
15	55,000	98,000	110,000														
20	47,000	86,000	108,000	48,000	61,000	84,000	41,800	57,000	62,000	36,400	41,800	45,000					
25	41,000	77,000	80,300	43,200	56,000	78,000	40,000	56,000	62,000	36,400	41,800	45,000	29,800	35,200			
30	36,200	66,400	62,100	38,800	50,000	62,000	36,000	52,000	57,750	36,200	40,800	45,000	29,800	35,200	24,200	25,600	22,000
35	31,800	53,750	49,700	35,000	45,000	50,150	32,200	48,000	46,650	33,400	38,000	44,900	29,800	35,200	24,200	25,600	22,000
40	28,400	44,550	40,750	31,000	41,600	41,500	28,800	41,850	38,500	30,200	35,600	37,150	29,800	35,200	24,200	25,600	22,000
45	25,800	36,550	33,250	28,400	37,900	34,900	26,200	35,450	32,250	27,800	32,600	31,150	28,200	30,700	24,200	25,600	22,000
50	23,600	30,600	27,400	26,200	31,850	29,200	23,800	30,450	27,300	25,600	30,200	26,350	26,400	26,100	24,200	25,600	22,000
55	21,800	25,900	22,800	24,200	27,200	24,500	22,000	25,850	23,100	23,600	26,400	22,500	24,600	22,350	24,200	22,600	22,000
60	20,000	22,100	19,100	22,400	23,450	20,800	20,200	22,050	19,400	21,800	22,700	19,250	23,000	19,200	21,750	19,500	20,050
65	18,600	18,950	16,000	21,000	20,350	17,750	18,600	19,000	16,350	20,400	19,600	16,200	20,000	16,550	19,100	16,900	17,500
70	17,400	16,300	13,500	18,950	17,700	15,250	17,400	16,450	13,950	18,200	17,000	13,850	17,400	14,250	16,700	14,700	15,350
75	16,000	14,150	11,300	16,700	15,550	13,050	15,800	14,400	11,850	16,000	15,000	11,700	15,350	12,100	14,650	12,750	13,450
80	14,400	12,250	9,420	14,850	13,650	11,150	14,200	12,500	9,980	14,300	13,100	9,900	13,500	10,250	12,800	10,950	11,750
85	12,750	10,600	7,790	13,150	11,950	9,510	12,850	10,800	8,340	12,650	11,500	8,310	11,900	8,690	11,200	9,360	10,200
90	11,300	9,170	6,370	11,700	10,500	8,070	11,400	9,380	6,910	11,200	10,050	6,890	10,450	7,300	9,800	7,960	8,790
95				10,400	9,230	6,800	10,100	8,100	5,650	9,900	8,770	5,630	9,220	6,070	8,550	6,730	7,550
100				9,270	8,090	5,680	8,960	6,960	4,530	8,750	7,630	4,500	8,070	4,950	7,440	5,630	6,450
105							7,930	5,950	3,530	7,720	6,600	3,500	7,050	3,940	6,440	4,650	5,460
110							7,000	5,030	2,620	6,790	5,680	2,600	6,120	3,030	5,520	3,740	4,570
115							6,170	4,210	1,810	5,960	4,850	1,780	5,290	2,220	4,690	2,920	3,770
120										5,200	4,100	1,040	4,530	1,470	3,930	2,170	3,010
125										4,510	3,410		3,840		3,240	1,490	2,330
130										3,880	2,790		3,210		2,610		1,700
135										3,300	2,210		2,630		2,030		1,120
140													2,090		1,500		
145													1,600		1,000		
150													1,150				

80020665

RATED LIFTING CAPACITIES IN POUNDS AT INTERMEDIATE BOOM LENGTHS
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1201**												
in Feet	42.3-58.0	58.0-73.8	42.3-57.9	57.9-73.6	57.9-73.5	42.3-57.8	57.8-73.4	73.4-89.1	57.8-73.3	42.3-57.5	57.5-72.6	72.6-87.9	87.9-103.3
I	0-50%	50-100%	0%	0-50%	00%	0%	0%	0-50%	0%	0%	0%	0%	0%
II	0%	0%	0-50%	50%	50-100%	0%	0-50%	50%	0%	0%	0%	0%	0%
III	0%	0%	0%	0%	0%	0-50%	50%	50%	50-100%	0%	0%	0%	0%
IV	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0-50%	50-100%
V	0%	0%	0%	0%	0%	0%	0%	0%	0%	0-50%	50-100%	100%	100%
10	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	88,000	57,000	77,000	61,000
12	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	88,000	57,000	72,200	57,800
15	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	88,000	57,000	65,000	53,000
20	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	83,000	56,000	55,000	45,000
25	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	73,000	49,000	48,000	39,600
30	63,900	60,750	65,550	63,600	60,000	65,550	67,250	62,550	55,000	65,550	43,000	42,000	34,800
35	47,500	46,200	49,600	48,550	49,450	51,350	51,350	49,500	51,350	54,000	38,800	37,600	30,600
40	36,500	35,500	38,450	37,800	38,450	40,150	40,150	39,300	40,150	42,650	35,200	33,800	27,400
45	28,600	27,700	30,500	29,900	30,500	32,100	32,100	31,500	32,100	34,500	31,800	30,200	25,000
50		21,800		23,950	24,700		26,600	25,700	27,150		29,000	27,600	22,800
55		17,200		19,300	20,050		21,900	21,000	22,400		26,050	25,600	20,800
60								17,250				23,800	19,400
65								14,250				20,800	18,000
70								11,700				18,150	16,600
75								9,520					15,200
80													13,800
85													12,750
90													11,300

80020670-1

(Section 1 of 4)

RATED LIFTING CAPACITIES IN POUNDS AT INTERMEDIATE BOOM LENGTHS (cont'd.)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1201**											
in Feet	103.3-118.8	118.8-134.3	134.3-149.9	149.9-165.5	165.5-181.1	181.1-196.9	57.5-72.8	72.8-88.1	88.1-103.6	103.6-119.1	119.1-134.7	134.7-150.3
I	0%	0%	0%	0%	0-50%	50-100%	0%	0%	0%	0%	0%	0%
II	0%	0%	0-50%	50-100%	100%	100%	0%	0%	0%	0%	0-50%	50-100%
III	0-50%	50-100%	100%	100%	100%	100%	0%	0%	0-50%	50-100%	100%	100%
IV	100%	100%	100%	100%	100%	100%	0-50%	50-100%	100%	100%	100%	100%
V	100%	100%	100%	100%	100%	100%	50%	50%	50%	50%	50%	50%
10							84,000	58,000	77,000			
12							84,000	58,000	73,000			
15	54,000						84,000	58,000	66,650	49,000		
20	47,000	37,000	36,400	27,400			78,000	53,000	56,400	48,000	48,000	33,200
25	41,000	36,400	36,400	27,400	25,400		68,000	46,000	48,700	43,200	43,200	33,200
30	36,000	34,600	36,000	27,400	24,200	19,400	59,000	40,400	42,700	38,000	38,000	33,200
35	31,800	30,800	32,000	27,400	24,200	19,400	53,000	36,000	37,900	34,200	34,200	33,200
40	28,400	27,800	28,800	27,400	24,200	19,400	42,650	31,800	34,000	29,800	29,800	32,800
45	25,600	25,200	26,200	27,200	24,200	19,200	34,500	28,800	30,800	27,200	27,200	30,400
50	23,600	23,000	23,800	25,400	24,200	19,200	30,700	26,400	28,050	24,800	24,800	28,000
55	21,600	21,200	21,800	23,400	24,200	19,000	25,850	24,400	25,750	22,400	22,400	25,800
60	19,800	19,400	20,200	21,800	21,750	19,000		22,400	22,850	20,800	20,800	22,200
65	18,400	18,000	18,600	20,000	19,100	17,500		19,650	19,650	19,400	19,400	19,100
70	17,200	16,600	17,200	17,400	16,700	15,350		17,000	17,000	17,550	17,350	16,550
75	15,800	15,200	15,600	15,350	14,650	13,450			14,850	15,400	15,250	14,500
80	14,400	13,600	14,000	13,500	12,800	11,750			13,650	13,450	13,350	12,650
85	12,750	12,800	12,650	11,900	11,200	10,200			12,000	11,800	11,700	11,050
90	11,300	11,400	11,200	10,450	9,800	8,790			10,550	10,350	10,250	9,600
95	10,400	10,100	9,900	9,220	8,550	7,550				9,070	8,960	8,310
100	9,270	8,960	8,750	8,070	7,440	6,450				7,930	7,820	7,170
105		7,930	7,720	7,050	6,440	5,460					6,800	6,150
110		7,000	6,790	6,120	5,520	4,570					5,880	5,230
115		6,170	5,960	5,290	4,690	3,770					5,050	4,410
120			5,200	4,530	3,930	3,010						3,650
125			4,510	3,840	3,240	2,330						2,970
130			3,880	3,210	2,610	1,700						2,340
135			3,300	2,630	2,030	1,120						1,770
140				2,090	1,500							
145				1,600	1,000							
150				1,150								

80020670-2

(Section 2 of 4)

RATED LIFTING CAPACITIES IN POUNDS AT INTERMEDIATE BOOM LENGTHS (cont'd.)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1201**											
in Feet	150.3-166.0	166.0-181.7	72.8-88.3	88.3-103.8	103.8-119.4	119.4-135.0	135.0-150.7	150.7-166.4	42.3-57.6	57.6-73.0	57.6-73.2	73.2-88.7
I	0-50%	50-100%	0%	0%	0%	0%	0-50%	50-100%	0%	0%	0%	0%
II	100%	100%	0%	0%	0-50%	50-100%	100%	100%	0%	0%	0%	0-50%
III	100%	100%	0-50%	50-100%	100%	100%	100%	100%	0%	0%	0-50%	50%
IV	100%	100%	50%	50%	50%	50%	50%	50%	0-50%	50-100%	50%	50%
V	50%	50%	50%	50%	50%	50%	50%	50%	0%	0%	0%	0%
10			77,000	54,000					85,000	58,000	78,000	73,000
12			77,000	54,000					85,000	58,000	78,000	73,000
15			77,000	54,000	66,000				85,000	58,000	78,000	73,000
20	33,200		77,000	54,000	57,000	43,800	43,800	30,400	85,000	58,000	78,000	73,000
25	33,200	24,200	68,000	49,000	49,000	43,600	43,600	30,400	85,000	57,000	78,000	73,000
30	33,200	23,800	59,000	43,200	43,200	43,400	43,400	30,000	65,550	51,000	69,650	66,650
35	33,200	23,800	53,000	38,600	38,600	42,600	42,800	29,800	52,800	45,000	52,800	53,400
40	33,000	23,600	45,100	34,400	34,400	39,200	39,050	29,400	41,500	40,800	41,500	42,600
45	31,800	23,400	36,800	30,600	30,600	34,800	33,000	28,800	33,400	33,400	33,400	34,650
50	28,250	23,400	30,700	28,000	28,000	29,750	28,150	26,100		29,150	28,850	28,750
55	24,400	22,600	25,850	25,800	25,800	25,250	24,250	22,350		24,400	24,050	23,950
60	21,250	19,500	22,550	22,500	22,350	21,500	20,800	19,200				20,150
65	18,400	16,900	19,400	19,300	19,250	18,450	17,750	16,550				17,000
70	15,850	14,700	16,750	16,650	16,650	15,900	15,350	14,250				14,500
75	13,850	12,750		14,500	14,500	13,850	13,150	12,100				
80	11,950	10,950		12,600	12,600	11,950	11,350	10,250				
85	10,350	9,360		10,950	10,950	10,300	9,750	8,690				
90	8,980	7,960		9,510	9,510	8,870	8,310	7,300				
95	7,740	6,730			8,230	7,590	7,040	6,070				
100	6,600	5,630			7,090	6,460	5,910	4,950				
105	5,580	4,650				5,440	4,890	3,940				
110	4,670	3,740				4,530	3,980	3,030				
115	3,840	2,920				3,710	3,160	2,220				
120	3,090	2,170					2,410	1,470				
125	2,400	1,490					1,730					
130	1,780						1,110					
135	1,200											

80020670-3

(Section 3 of 4)

RATED LIFTING CAPACITIES IN POUNDS AT INTERMEDIATE BOOM LENGTHS (cont'd.)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1201**											
in Feet	88.7-104.5	118.8-134.4	134.4-150.1	87.9-103.4	103.4-119.0	119.0-134.7	88.3-103.9	103.9-119.5	119.5-135.2	135.2-150.9	103.9-119.6	119.6-135.3
I II III IV V	0-50% 50% 50% 50% 0%	0% 0-50% 50% 100% 100%	0-50% 50% 50% 100% 100%	0% 0% 0-50% 50% 100%	0% 0-50% 50% 50% 100%	0-50% 50% 50% 50% 100%	0% 0-50% 50% 50% 50%	0% 50-100% 50% 50% 50%	0-50% 100% 50% 50% 50%	50-100% 100% 50% 50% 50%	0-50% 50% 50% 50% 50%	50-100% 50% 50% 50% 50%
10	68,000			77,000			73,000					
12	68,000			72,200			73,000					
15	68,000			65,000	68,000		73,000	60,000			68,000	
20	68,000	48,000	41,800	55,000	61,000	57,000	73,000	60,000	60,000	37,800	68,000	50,000
25	68,000	43,000	41,800	48,000	54,200	55,000	70,000	59,000	59,000	37,400	68,000	49,000
30	62,100	38,600	40,400	42,000	48,300	50,000	62,000	56,000	56,000	37,000	62,000	48,000
35	49,700	34,800	37,000	37,600	43,450	45,000	53,750	49,000	48,050	36,200	50,150	46,000
40	40,750	31,000	33,800	33,800	39,500	41,400	44,550	42,100	39,850	35,600	41,500	38,500
45	33,250	28,200	30,600	30,200	36,100	35,450	36,550	35,450	33,550	31,150	34,900	32,250
50	27,400	26,000	28,400	27,600	31,850	30,450	30,600	29,650	28,550	26,350	29,200	27,300
55	22,800	24,200	26,200	25,600	27,200	25,850	25,900	25,000	24,200	22,500	24,500	23,100
60	19,100	22,400	22,700	23,800	23,450	22,050	22,100	21,250	20,450	19,250	20,800	19,400
65	16,000	20,800	19,600	20,800	20,350	19,000	18,950	18,200	17,450	16,200	17,750	16,350
70	13,500	18,250	17,000	18,150	17,700	16,450	16,300	15,700	15,000	13,850	15,250	13,950
75	11,300	16,050	15,000	16,050	15,550	14,400	14,150	13,450	12,850	11,700	13,050	11,850
80	9,420	14,250	13,100	14,200	13,650	12,500	12,250	11,550	11,000	9,900	11,150	9,980
85	7,790	12,600	11,500	12,500	11,950	10,800	10,600	9,930	9,360	8,310	9,510	8,340
90	6,370	11,100	10,050		10,500	9,380	9,170	8,490	7,920	6,890	8,070	6,910
95		9,840	8,770		9,230	8,100		7,220	6,650	5,630	6,800	5,650
100		8,690	7,630		8,090	6,960		6,090	5,520	4,500	5,680	4,530
105		7,670	6,600			5,950			4,510	3,500		3,530
110		6,740	5,680			5,030			3,600	2,600		2,620
115		5,910	4,850			4,210			2,780	1,780		1,810
120			4,100							1,040		
125			3,410									
130			2,790									
135			2,210									

80020670-4

(Section 4 of 4)

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (EXTENDING)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1201**												
in Feet	42.3-58.0	58.0-73.8	42.3-57.9	57.9-73.6	57.9-73.5	42.3-57.8	57.8-73.4	73.4-89.1	57.8-73.3	42.3-57.5	57.5-72.6	72.6-87.9	87.9-103.3
I II III IV V	0-50% 0% 0% 0% 0%	50-100% 0% 0% 0% 0%	0% 0-50% 0% 0% 0%	0-50% 50% 0% 0% 0%	00% 50-100% 0% 0% 0%	0% 0% 0-50% 0% 0%	0% 0-50% 50% 0% 0%	0-50% 50% 50% 0% 0%	0% 0% 50-100% 0% 0%	0% 0% 0% 0% 0-50%	0% 0% 0% 0% 50-100%	0% 0% 0% 0-50% 100%	0% 0% 0% 50-100% 100%
10	53,000	33,600	57,000	50,000	33,400	63,000	55,000	50,000	28,400	69,000	32,600	63,000	28,200
12	52,600	32,150	57,000	50,000	31,800	62,200	54,600	49,200	27,600	69,000	30,900	61,400	27,200
15	52,000	30,000	57,000	50,000	29,400	61,000	54,000	48,000	26,400	69,000	28,400	59,000	25,800
20	52,000	26,800	57,000	49,000	26,800	61,000	53,000	44,000	24,600	69,000	26,600	53,000	23,600
25	52,000	24,800	57,000	48,000	24,800	61,000	52,000	43,000	23,200	68,000	25,400	46,000	22,000
30	52,000	23,400	57,000	48,000	23,600	61,000	52,000	42,000	22,000	62,000	24,200	40,000	20,600
35	47,500	22,200	49,600	48,000	22,400	51,350	51,350	41,600	21,000	54,000	23,400	35,800	19,000
40	36,500	21,400	38,450	37,800	21,800	40,150	40,150	39,300	20,200	42,650	22,600	32,200	18,000
45	28,600	20,600	30,500	29,900	21,000	32,100	32,100	31,500	19,600	34,500	21,800	28,800	16,800
50		20,200		23,950	20,600		26,600	25,700	19,200		21,400	26,400	15,400
55		17,200		19,300	20,050		21,900	21,000	19,000		21,200	24,400	13,200
60								17,250				22,600	12,800
65								14,250				20,800	12,400
70								11,700				18,150	11,800
75								9,520					11,400
80													11,000
85													10,800
90													10,600

80021550-1

(Section 1 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (EXTENDING) (cont'd.)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1201**											
in Feet	103.3-118.8	118.8-134.3	134.3-149.9	149.9-165.5	165.5-181.1	181.1-196.9	57.5-72.8	72.8-88.1	88.1-103.6	103.6-119.1	119.1-134.7	134.7-150.3
I	0%	0%	0%	0%	0-50%	50-100%	0%	0%	0%	0%	0%	0%
II	0%	0%	0-50%	50-100%	100%	100%	0%	0%	0%	50-100%	0-50%	50-100%
III	0-50%	50-100%	100%	100%	100%	100%	0%	0%	0-50%	100%	100%	100%
IV	100%	100%	100%	100%	100%	100%	0-50%	50-100%	100%	100%	100%	100%
V	100%	100%	100%	100%	100%	100%	50%	50%	50%	50%	50%	50%
10							65,000	31,600	57,000			
12							63,800	29,750	56,200			
15	52,000						62,000	27,000	55,000	22,600		
20	45,000	20,200	36,400	20,600			60,000	25,000	53,000	20,600	46,000	21,000
25	39,000	18,200	36,400	18,600	24,200		59,000	23,400	48,700	18,800	41,200	18,800
30	34,200	16,600	34,400	16,800	24,200	15,400	57,000	22,000	42,700	17,000	36,200	17,000
35	30,200	14,000	30,400	14,000	24,200	12,200	51,000	20,600	37,900	14,400	32,600	14,200
40	27,000	12,400	27,400	12,200	24,200	11,000	42,650	19,600	34,000	12,600	28,400	12,200
45	24,400	11,400	25,000	11,200	24,200	9,800	34,500	18,600	30,400	11,800	25,800	11,200
50	22,400	10,600	22,600	10,200	24,200	9,000	30,700	17,800	27,800	11,000	23,600	10,200
55	20,600	10,000	20,800	9,400	23,400	8,000	25,850	17,000	25,600	10,400	21,400	9,400
60	19,000	9,400	19,200	8,600	21,750	7,400		16,200	22,850	9,800	19,800	8,800
65	17,600	8,600	17,600	8,000	19,100	6,400		16,000	19,650	9,400	18,400	8,000
70	16,400	8,200	16,400	7,600	16,700	5,800		13,800	17,000	8,600	17,200	7,400
75	15,200	7,800	15,000	6,800	14,650	5,400			14,850	8,000	15,250	7,000
80	13,600	7,400	13,400	6,400	12,800	4,800			13,650	7,800	13,350	6,400
85	12,750	6,800	12,600	6,000	11,200	4,200			12,000	7,200	11,700	5,800
90	11,300	6,600	11,200	5,600	9,800	3,800			10,550	7,200	10,250	5,600
95	10,400	6,200	9,900	5,000	8,550	3,600				6,600	8,960	5,000
100	9,270	6,000	8,750	4,800	7,440	3,000				6,600	7,820	4,800
105		5,600	7,720	4,400	6,440	2,600					6,800	4,600
110		5,600	6,790	4,000	5,520						5,880	4,000
115		5,000	5,960	3,800	4,690						5,050	4,000
120			5,200	3,400	3,930							3,600
125			4,510	3,200	3,240							2,970
130			3,880	3,000	2,610							2,340
135			3,300	2,630	2,030							1,770
140				2,090	1,500							
145				1,600	1,000							
150				1,150								

80021550-2

(Section 2 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (EXTENDING) (cont'd.)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1201**											
in Feet	150.3-166.0	166.0-181.7	72.8-88.3	88.3-103.8	103.8-119.4	119.4-135.0	135.0-150.7	150.7-166.4	42.3-57.6	57.6-73.0	57.6-73.2	73.2-88.7
I II III IV V	0-50% 100% 100% 100% 50%	50-100% 100% 100% 100% 50%	0% 0% 0-50% 50% 50%	0% 0% 50-100% 50% 50%	0% 0-50% 100% 50% 50%	0% 50-100% 100% 50% 50%	0-50% 100% 100% 50% 50%	50-100% 100% 100% 50% 50%	0% 0% 0% 0-50% 0%	0% 0% 0% 50-100% 0%	0% 0% 0-50% 50% 0%	0% 0-50% 50% 50% 0%
10			58,000	25,600					67,000	33,200	59,000	54,000
12			57,200	24,700					66,600	31,800	58,600	53,200
15			56,000	23,400	51,000				66,000	29,800	58,000	52,000
20	31,600		55,000	21,400	49,000	21,200	41,600	19,800	66,000	27,000	57,000	51,000
25	31,600	17,800	53,000	19,600	46,000	19,400	39,800	18,000	66,000	25,400	56,000	50,000
30	31,600	15,400	53,000	18,200	41,200	17,600	38,200	15,600	65,550	24,200	56,000	49,000
35	31,600	12,400	50,000	16,800	36,600	14,600	36,800	12,400	52,800	23,200	52,800	48,000
40	31,400	11,000	45,000	15,400	32,800	12,800	35,600	11,200	41,500	22,600	41,500	42,600
45	30,200	10,000	36,800	12,600	29,200	11,800	33,000	10,200	33,400	21,800	33,400	34,650
50	28,000	8,800	30,700	12,000	26,800	10,800	28,150	9,200		21,400	28,850	28,750
55	24,400	8,000	25,850	11,400	24,600	10,200	24,250	8,000		21,000	24,050	23,950
60	21,250	7,200	22,550	10,800	22,350	9,200	20,800	7,400				20,150
65	18,400	6,200	19,400	10,400	19,250	8,600	17,750	6,600				17,000
70	15,850	6,000	16,750	10,000	16,650	8,000	15,350	5,800				14,500
75	13,850	5,200		9,800	14,500	7,400	13,150	5,200				
80	11,950	4,600		9,200	12,600	7,000	11,350	4,800				
85	10,350	4,000		9,200	10,950	6,400	9,750	4,000				
90	8,980	3,600		8,800	9,510	6,000	8,310	3,800				
95	7,740	3,000			8,230	5,600	7,040	3,200				
100	6,600	2,800			7,090	5,200	5,910	3,000				
105	5,580	2,200				4,800	4,890	2,400				
110	4,670					4,530	3,980					
115	3,840					3,710	3,160					
120	3,090						2,410					
125	2,400						1,730					
130	1,780						1,110					
135	1,200											

80021550-3

(Section 3 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (EXTENDING) (cont'd.)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1201**											
in Feet	88.7-104.5	118.8-134.4	134.4-150.1	87.9-103.4	103.4-119.0	119.0-134.7	88.3-103.9	103.9-119.5	119.5-135.2	135.2-150.9	103.9-119.6	119.6-135.3
I II III IV V	0-50% 50% 50% 50% 0%	0% 0-50% 50% 100% 100%	0-50% 50% 50% 100% 100%	0% 0% 0-50% 50% 100%	0% 0-50% 50% 50% 100%	0-50% 50% 50% 50% 100%	0% 0-50% 50% 50% 50%	0% 50-100% 50% 50% 50%	0-50% 100% 50% 50% 50%	50-100% 100% 50% 50% 50%	0-50% 50% 50% 50% 50%	50-100% 50% 50% 50% 50%
10	51,000			57,000			54,000					
12	49,000			56,200			53,200					
15	46,000			55,000	51,000		52,000	24,400			45,000	
20	43,200	46,000	41,800	53,000	49,000	42,400	50,000	22,400	41,800	20,800	42,800	21,600
25	42,000	41,000	40,400	46,000	47,000	40,600	48,000	20,200	40,200	18,400	41,400	19,200
30	41,000	36,600	38,400	40,000	43,800	39,600	47,000	18,600	39,200	16,200	39,800	17,400
35	40,000	33,200	35,200	35,800	42,600	38,200	43,600	17,000	37,600	12,800	38,800	14,400
40	39,000	29,400	32,200	32,200	39,400	37,000	42,800	15,400	36,200	11,600	37,800	12,600
45	33,250	26,800	29,200	28,800	36,100	35,450	36,550	12,600	33,550	10,400	34,900	11,400
50	27,400	24,800	27,000	26,400	31,850	30,450	30,600	11,800	28,550	9,400	29,200	10,400
55	22,800	23,000	25,000	24,400	27,200	25,850	25,900	11,000	24,200	8,800	24,500	9,600
60	19,100	21,200	22,700	22,600	23,450	22,050	22,100	10,200	20,450	7,600	20,800	8,800
65	16,000	19,800	19,600	20,800	20,350	19,000	18,950	9,600	17,450	7,000	17,750	8,000
70	13,500	18,250	17,000	18,150	17,700	16,450	16,300	9,200	15,000	6,400	15,250	7,600
75	11,300	16,050	15,000	16,050	15,550	14,400	14,150	8,800	12,850	5,800	13,050	6,800
80	9,420	14,250	13,100	14,200	13,650	12,500	12,250	8,200	11,000	5,200	11,150	6,400
85	7,790	12,600	11,500	12,500	11,950	10,800	10,600	8,000	9,360	4,600	9,510	6,000
90	6,370	11,100	10,050		10,500	9,380	9,170	7,400	7,920	4,200	8,070	5,600
95		9,840	8,770		9,230	8,100		7,200	6,650	4,000	6,800	5,000
100		8,690	7,630		8,090	6,960		6,090	5,520	3,400	5,680	4,530
105		7,670	6,600			5,950			4,510	3,000		3,530
110		6,740	5,680			5,030			3,600	2,600		2,620
115		5,910	4,850			4,210			2,780	1,780		1,810
120			4,100							1,040		
125			3,410									
130			2,790									
135			2,210									

80021550-4

(Section 4 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (RETRACTING)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1201**												
in Feet	42.3-58.0	58.0-73.8	42.3-57.9	57.9-73.6	57.9-73.5	42.3-57.8	57.8-73.4	73.4-89.1	57.8-73.3	42.3-57.5	57.5-72.6	72.6-87.9	87.9-103.3
I	0-50%	50-100%	0%	0-50%	00%	0%	0%	0-50%	0%	0%	0%	0%	0%
II	0%	0%	0-50%	50%	50-100%	0%	0-50%	50%	0%	0%	0%	0%	0%
III	0%	0%	0%	0%	0%	0-50%	50%	50%	50-100%	0%	0%	0%	0%
IV	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0-50%	50-100%
V	0%	0%	0%	0%	0%	0%	0%	0%	0%	0-50%	50-100%	100%	100%
10	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	84,000	54,000	74,000	58,000
12	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	84,000	54,000	69,200	54,800
15	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	84,000	54,000	62,000	50,000
20	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	79,000	54,000	53,000	43,200
25	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	70,000	47,000	46,000	37,600
30	63,900	59,000	65,550	63,600	57,000	65,550	67,250	62,550	52,000	62,000	41,000	40,000	33,000
35	47,500	46,200	49,600	48,550	49,450	51,350	51,350	49,500	51,350	54,000	37,000	35,800	29,200
40	36,500	35,500	38,450	37,800	38,450	40,150	40,150	39,300	40,150	42,650	33,600	32,200	26,200
45	28,600	27,700	30,500	29,900	30,500	32,100	32,100	31,500	32,100	34,500	30,200	28,800	23,800
50		21,800		23,950	24,700		26,600	25,700	27,150		27,600	26,400	21,800
55		17,200		19,300	20,050		21,900	21,000	22,400		25,800	24,400	19,800
60								17,250				22,600	18,400
65								14,250				20,800	17,200
70								11,700				18,150	15,800
75								9,520					14,400
80													13,200
85													11,800
90													9,400

80021551-1

(Section 1 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (RETRACTING) (cont'd.)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1201**											
in Feet	103.3-118.8	118.8-134.3	134.3-149.9	149.9-165.5	165.5-181.1	181.1-196.9	57.5-72.8	72.8-88.1	88.1-103.6	103.6-119.1	119.1-134.7	134.7-150.3
I	0%	0%	0%	0%	0-50%	50-100%	0%	0%	0%	0%	0%	0%
II	0%	0%	0-50%	50-100%	100%	100%	0%	0%	0%	50-100%	0-50%	50-100%
III	0-50%	50-100%	100%	100%	100%	100%	0%	0%	0-50%	100%	100%	100%
IV	100%	100%	100%	100%	100%	100%	0-50%	50-100%	100%	100%	100%	100%
V	100%	100%	100%	100%	100%	100%	50%	50%	50%	50%	50%	50%
10							80,000	55,000	73,000			
12							80,000	55,000	69,400			
15	52,000						80,000	55,000	64,000	47,000		
20	45,000	35,200	36,400	26,000			74,000	51,000	56,000	46,000	46,000	31,600
25	39,000	34,800	36,400	26,000	24,200		64,000	44,000	48,700	41,200	41,200	31,600
30	34,200	33,000	34,400	26,000	24,200	18,600	57,000	38,400	42,700	36,200	36,200	31,600
35	30,200	29,400	30,400	26,000	24,200	18,600	51,000	34,400	37,900	32,600	32,600	31,600
40	27,000	26,400	27,400	26,000	24,200	18,400	42,650	30,200	34,000	28,400	28,400	31,200
45	24,400	24,000	25,000	25,800	24,200	18,400	34,500	27,400	30,400	25,800	25,800	29,000
50	22,400	22,000	22,600	24,200	24,200	18,400	30,700	25,200	27,800	23,600	23,600	26,200
55	20,600	20,200	20,800	20,800	23,400	18,000	25,850	23,200	25,600	21,400	21,400	21,000
60	19,000	18,200	19,200	16,600	21,750	15,600		21,400	22,850	19,400	19,800	16,800
65	17,600	15,800	17,600	15,400	19,100	14,800		19,650	19,650	16,000	18,400	15,600
70	16,400	15,400	16,400	14,200	16,700	11,600		16,800	17,000	15,600	17,200	14,000
75	15,200	13,800	15,000	11,200	14,650	8,600			14,850	14,000	15,250	10,800
80	13,600	11,200	13,400	9,000	12,800	6,600			13,650	11,200	13,350	8,400
85	12,750	9,200	12,600	7,000	11,200	4,800			12,000	9,000	11,700	6,400
90	11,300	7,600	11,200	5,600	9,800	3,200			10,550	7,200	10,250	5,000
95	10,400	6,200	9,900	4,200	8,550					5,800	8,960	3,600
100	9,270	5,000	8,750	3,200	7,440					4,400	7,820	2,400
105		4,000	7,720	2,200	6,440						6,800	
110		3,000	6,790		5,520						5,880	
115		2,200	5,960		4,690						5,050	
120			5,200		3,930							
125			4,510		3,240							
130			3,880		2,610							
135			3,300		2,030							
140					1,500							
145					1,000							
150												

80021551-2

(Section 2 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (RETRACTING) (cont'd.)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1201**											
in Feet	150.3-166.0	166.0-181.7	72.8-88.3	88.3-103.8	103.8-119.4	119.4-135.0	135.0-150.7	150.7-166.4	42.3-57.6	57.6-73.0	57.6-73.2	73.2-88.7
I II III IV V	0-50% 100% 100% 100% 50%	50-100% 100% 100% 100% 50%	0% 0% 0-50% 50% 50%	0% 0% 50-100% 50% 50%	0% 0-50% 100% 50% 50%	0% 50-100% 100% 50% 50%	0-50% 100% 100% 50% 50%	50-100% 100% 100% 50% 50%	0% 0% 0% 0-50% 0%	0% 0% 0% 50-100% 0%	0% 0% 0-50% 50% 0%	0% 0-50% 50% 50% 0%
10			74,000	52,000					81,000	56,000	74,000	69,000
12			74,000	52,000					81,000	56,000	74,000	69,000
15			74,000	52,000	63,000				81,000	56,000	74,000	69,000
20	31,600		73,000	52,000	54,000	41,600	41,600	28,800	81,000	56,000	74,000	69,000
25	31,600	23,000	64,000	47,000	47,000	41,400	41,400	28,800	81,000	54,000	74,000	69,000
30	31,600	22,800	57,000	41,200	41,200	41,400	41,400	28,600	65,550	49,000	69,650	66,650
35	31,600	22,800	51,000	36,600	36,600	40,600	40,800	28,200	52,800	43,000	52,800	53,400
40	31,400	22,400	45,000	32,800	32,800	37,200	38,000	28,000	41,500	38,800	41,500	42,600
45	30,200	22,400	36,800	29,200	29,200	32,600	33,000	27,400	33,400	33,400	33,400	34,650
50	28,000	22,000	30,700	26,800	26,800	29,200	28,150	24,800		29,150	28,850	28,750
55	24,400	18,200	25,850	24,600	24,600	22,400	24,250	18,600		24,400	24,050	23,950
60	21,250	15,600	22,550	22,000	22,350	17,400	20,800	15,600				20,150
65	18,400	14,400	19,400	17,600	19,250	15,600	17,750	14,400				17,000
70	15,850	11,000	16,750	15,400	16,650	14,800	15,350	10,800				14,500
75	13,850	8,000		14,500	14,500	11,400	13,150	7,600				
80	11,950	5,600		12,200	12,600	8,600	11,350	5,200				
85	10,350	3,800		9,600	10,950	6,600	9,750	3,400				
90	8,980	2,200		7,200	9,510	5,000	8,310					
95	7,740				8,230	3,600	7,040					
100	6,600				7,090	2,400	5,910					
105	5,580						4,890					
110	4,670						3,980					
115	3,840						3,160					
120	3,090						2,410					
125	2,400						1,730					
130	1,780						1,110					
135	1,200											

80021551-3

(Section 3 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (RETRACTING) (cont'd.)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1201**											
in Feet	88.7-104.5	118.8-134.4	134.4-150.1	87.9-103.4	103.4-119.0	119.0-134.7	88.3-103.9	103.9-119.5	119.5-135.2	135.2-150.9	103.9-119.6	119.6-135.3
I II III IV V	0-50% 50% 50% 50% 0%	0% 0-50% 50% 100% 100%	0-50% 50% 50% 100% 100%	0% 0% 0-50% 50% 100%	0% 0-50% 50% 50% 100%	0-50% 50% 50% 50% 100%	0% 0-50% 50% 50% 50%	0% 50-100% 50% 50% 50%	0-50% 100% 50% 50% 50%	50-100% 100% 50% 50% 50%	0-50% 50% 50% 50% 50%	50-100% 50% 50% 50% 50%
10	65,000			73,000			69,000					
12	65,000			68,600			69,000					
15	65,000			62,000	65,000		69,000	57,000			65,000	
20	65,000	46,000	41,800	53,000	58,000	57,000	69,000	57,000	57,000	36,000	65,000	47,000
25	65,000	41,000	41,200	46,000	53,000	53,000	67,000	56,000	56,000	35,600	65,000	47,000
30	62,100	36,600	38,400	40,000	48,000	48,000	59,000	53,000	53,000	35,200	62,000	46,000
35	49,700	33,200	35,200	35,800	43,200	43,200	53,000	47,000	47,000	34,600	50,150	44,000
40	40,750	29,400	32,200	32,200	39,400	39,400	44,550	42,100	39,850	33,800	41,500	38,500
45	33,250	26,800	29,200	28,800	36,100	35,450	36,550	35,450	33,550	31,150	34,900	32,250
50	27,400	24,800	27,000	26,400	31,850	30,450	30,600	29,650	28,550	26,350	29,200	27,300
55	22,800	23,000	25,000	24,400	27,200	25,850	25,900	25,000	24,200	19,800	24,500	23,000
60	19,100	21,200	22,700	22,600	23,450	22,050	22,100	20,000	20,450	15,600	20,800	17,600
65	16,000	19,800	19,600	20,800	20,350	19,000	18,950	15,800	17,450	15,200	17,750	15,400
70	13,500	18,250	17,000	18,150	17,700	16,450	16,300	15,400	15,000	11,600	15,250	13,950
75	11,300	16,050	15,000	16,050	15,550	14,400	14,150	13,400	12,850	8,200	13,050	10,600
80	9,420	14,250	13,100	14,200	13,650	12,500	12,250	10,200	11,000	5,800	11,150	8,000
85	7,790	12,600	11,500	12,500	11,950	10,800	10,600	7,800	9,360	3,800	9,510	5,600
90	6,370	11,100	10,050		10,500	9,380	9,170	6,000	7,920	2,200	8,070	3,800
95		9,840	8,770		9,230	8,100		4,200	6,650		6,800	2,200
100		8,690	7,630		8,090	6,960		2,600	5,520		5,680	
105		7,670	6,600			5,950			4,510			
110		6,740	5,680			5,030			3,600			
115		5,910	4,850			4,210			2,780			
120			4,100									
125			3,410									
130			2,790									
135			2,210									

80021551-4

(Section 4 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI

• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. MANUAL EXTENSION AT 0° FIXED OFFSET ANGLE
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3250									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
20	31,400	26,400	28,600							
25	31,400	26,400	28,600	20,600	24,200					
30	31,400	26,400	28,600	20,600	24,200	16,400	19,200	13,400	14,600	
35	31,400	26,400	28,600	20,600	24,200	16,400	19,200	13,400	14,600	11,600
40	31,200	26,400	28,600	20,600	24,200	16,400	19,200	13,400	14,600	11,600
45	30,400	26,400	28,400	20,600	24,200	16,400	19,200	13,400	14,600	11,600
50	29,200	25,000	26,650	20,600	24,200	16,400	19,200	13,400	14,600	11,600
55	25,250	23,600	22,900	20,000	21,800	16,400	19,200	13,400	14,600	11,600
60	21,850	22,200	19,750	19,000	18,750	16,400	18,350	13,400	14,600	11,600
65	18,750	19,350	17,100	18,000	16,150	16,400	15,800	13,400	14,600	11,600
70	16,150	16,750	14,800	16,800	13,950	15,600	13,650	13,400	13,700	11,600
75	14,100	14,750	12,650	14,950	12,050	14,600	11,750	13,400	11,850	11,600
80	12,250	12,850	10,800	13,050	10,350	13,150	10,100	12,050	10,250	10,600
85	10,600	11,200	9,210	11,400	8,780	11,500	8,680	10,600	8,830	9,200
90	9,190	9,800	7,800	10,000	7,380	10,050	7,380	9,310	7,550	7,940
95	7,940	8,530	6,560	8,730	6,140	8,820	6,170	8,060	6,400	6,810
100	6,820	7,410	5,450	7,610	5,030	7,700	5,070	6,940	5,370	5,790
105	5,830	6,410	4,460	6,600	4,050	6,690	4,090	5,940	4,410	4,860
110	4,930	5,510	3,570	5,700	3,160	5,780	3,200	5,040	3,520	4,020
115	4,130	4,690	2,770	4,880	2,360	4,960	2,390	4,220	2,720	3,220
120	3,390	3,950	2,050	4,140	1,630	4,220	1,670	3,480	1,990	2,490
125	2,730	3,280	1,380	3,460		3,540	1,000	2,810	1,320	1,820
130	2,120	2,670		2,840		2,920		2,190		1,200
135	1,570	2,100		2,270		2,350		1,620		
140		1,590		1,750		1,830		1,100		
145		1,110		1,270		1,340				

80020740

RATED LIFTING CAPACITIES IN POUNDS
36 FT. MANUAL EXTENSION AT 20° FIXED OFFSET ANGLE
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3251									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
30	28,000									
35	27,200	24,600	25,800							
40	26,400	24,200	25,200	20,600	23,200	16,400	19,200			
45	25,400	23,400	24,800	20,600	22,800	16,400	19,200	13,400	14,600	
50	24,400	22,200	24,400	20,000	22,600	16,400	19,200	13,400	14,600	11,600
55	23,400	21,000	23,800	19,000	22,400	16,400	19,200	13,400	14,600	11,600
60	22,400	20,000	21,850	17,800	20,950	16,400	19,200	13,400	14,600	11,600
65	20,400	19,000	19,000	16,000	18,150	15,800	17,800	13,400	14,600	11,600
70	17,650	18,000	16,350	15,200	15,750	14,800	15,450	13,400	14,600	11,600
75	15,450	15,900	14,200	14,400	13,650	14,000	13,400	13,400	13,500	11,600
80	13,450	14,050	12,200	13,600	11,850	13,200	11,650	13,400	11,750	11,600
85	11,700	12,300	10,450	12,550	10,100	12,400	10,050	11,850	10,200	10,550
90	10,150	10,750	8,950	11,000	8,610	11,100	8,670	10,450	8,830	9,200
95	8,800	9,430	7,600	9,670	7,270	9,790	7,350	9,120	7,590	7,980
100	7,590	8,220	6,390	8,470	6,070	8,590	6,150	7,920	6,470	6,880
105	6,510	7,140	5,310	7,390	5,000	7,510	5,080	6,850	5,430	5,880
110	5,530	6,170	4,340	6,410	4,030	6,540	4,120	5,880	4,460	4,960
115	4,640	5,290	3,460	5,530	3,150	5,660	3,240	5,010	3,590	4,100
120	3,830	4,480	2,660	4,730	2,350	4,860	2,450	4,210	2,800	3,300
125	3,090	3,750	1,920	4,000	1,620	4,130	1,720	3,480	2,070	2,580
130	2,410	3,070	1,250	3,330		3,460	1,050	2,810	1,400	1,910
135	1,770	2,450		2,710		2,840		2,200		1,300
140		1,870		2,130		2,270		1,630		
145		1,330		1,600		1,750		1,100		
150				1,110		1,250				

80020741

RATED LIFTING CAPACITIES IN POUNDS
36 FT. MANUAL EXTENSION AT 40° FIXED OFFSET ANGLE
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3252									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
40	21,000	20,800	21,000							
45	20,400	20,400	20,600	19,400	20,400					
50	20,000	19,800	20,200	19,200	20,200	16,400	18,600	13,400	14,600	
55	19,400	19,200	19,800	18,400	19,800	16,400	18,600	13,400	14,600	11,600
60	19,000	18,600	19,200	17,400	19,400	16,400	18,600	13,400	14,600	11,600
65	18,600	17,800	18,800	15,600	19,000	15,400	18,400	13,400	14,600	11,600
70	18,200	17,000	17,650	14,800	17,150	14,600	16,900	13,400	14,600	11,600
75	16,250	16,000	15,350	14,000	14,950	14,000	14,700	13,400	14,600	11,600
80	14,250	14,900	13,200	13,400	12,950	13,400	12,800	13,400	12,900	11,600
85	12,400	13,050	11,350	12,800	11,100	12,600	11,100	12,800	11,250	11,600
90	10,750	11,450	9,720	11,700	9,470	11,900	9,610	11,300	9,800	10,150
95	9,320	10,000	8,270	10,300	8,040	10,450	8,170	9,880	8,470	8,860
100	8,020	8,730	6,980	9,030	6,750	9,200	6,890	8,610	7,270	7,680
105	6,850	7,580	5,820	7,890	5,600	8,060	5,750	7,470	6,130	6,610
110	5,790	6,530	4,760	6,850	4,560	7,040	4,710	6,450	5,100	5,620
115	4,830	5,590	3,810	5,910	3,610	6,100	3,770	5,520	4,160	4,690
120	3,940	4,720	2,930	5,050	2,740	5,250	2,920	4,670	3,310	3,840
125		3,920	2,130	4,270	1,950	4,470	2,130	3,890	2,530	3,070
130		3,190	1,380	3,550	1,220	3,750	1,410	3,180	1,820	2,360
135		2,500		2,880		3,090		2,520	1,150	1,700
140				2,260		2,480		1,910		1,090
145				1,680		1,910		1,350		
150						1,380				

80020742

RATED LIFTING CAPACITIES IN POUNDS
59 FT. MANUAL EXTENSION AT 0° FIXED OFFSET ANGLE
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3260									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
25	14,800									
30	14,800	12,800	13,800	11,000	12,600					
35	14,600	12,800	13,800	11,000	12,600	9,400	11,000			
40	14,400	12,800	13,800	11,000	12,600	9,400	11,000	8,400	9,000	7,730
45	14,200	12,800	13,800	11,000	12,600	9,400	11,000	8,400	9,000	7,730
50	14,000	12,800	13,600	11,000	12,600	9,400	11,000	8,400	9,000	7,730
55	13,800	12,800	13,400	11,000	12,600	9,400	11,000	8,400	9,000	7,730
60	13,600	12,600	13,200	11,000	12,400	9,400	11,000	8,400	9,000	7,730
65	13,400	12,400	13,000	11,000	12,200	9,400	11,000	8,400	9,000	7,730
70	13,000	12,400	12,800	11,000	12,200	9,400	11,000	8,400	9,000	7,730
75	12,800	12,200	12,600	11,000	12,000	9,400	11,000	8,400	9,000	7,730
80	12,600	12,000	12,050	11,000	11,250	9,400	10,850	8,400	9,000	7,730
85	11,850	11,800	10,450	11,000	9,790	9,400	9,450	8,400	9,000	7,730
90	10,400	10,750	9,020	10,800	8,490	9,400	8,170	8,400	8,190	7,730
95	9,130	9,510	7,760	9,560	7,240	9,400	7,030	8,400	7,060	7,320
100	8,000	8,370	6,640	8,420	6,120	8,390	5,990	7,610	6,040	6,310
105	6,980	7,350	5,630	7,400	5,120	7,380	5,030	6,600	5,110	5,390
110	6,070	6,440	4,730	6,490	4,220	6,460	4,130	5,690	4,270	4,560
115	5,250	5,610	3,910	5,660	3,410	5,640	3,320	4,870	3,500	3,790
120	4,500	4,860	3,170	4,910	2,670	4,880	2,580	4,130	2,770	3,090
125	3,820	4,170	2,490	4,220	1,990	4,190	1,900	3,440	2,090	2,440
130	3,200	3,550	1,880	3,590	1,380	3,560	1,290	2,820	1,470	1,830
135	2,630	2,970	1,310	3,010		2,990		2,240		1,260
140	2,100	2,440		2,480		2,450		1,710		
145	1,620	1,950		1,990		1,960		1,220		
150	1,170	1,500		1,540		1,500				
155		1,080		1,110		1,080				

80020743

RATED LIFTING CAPACITIES IN POUNDS
59 FT. MANUAL EXTENSION AT 20° FIXED OFFSET ANGLE
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3261									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
45	12,600									
50	12,400	11,800	12,200	11,000	11,600					
55	12,000	11,600	12,000	11,000	11,400	9,400	10,800	8,400	9,000	
60	11,800	11,400	11,800	10,800	11,400	9,400	10,600	8,400	9,000	8,000
65	11,600	11,200	11,600	10,800	11,200	9,400	10,600	8,400	9,000	8,000
70	11,400	11,000	11,400	10,600	11,200	9,400	10,600	8,400	9,000	8,000
75	11,200	11,000	11,200	10,600	11,000	9,400	10,400	8,400	9,000	8,000
80	11,000	10,800	11,000	10,400	10,800	9,400	10,400	8,400	9,000	8,000
85	10,800	10,600	10,800	10,200	10,600	9,400	10,400	8,400	9,000	8,000
90	10,600	10,400	10,600	10,000	10,600	9,400	10,200	8,400	9,000	8,000
95	10,400	10,200	9,650	9,800	9,260	9,400	9,110	8,400	9,000	8,000
100	9,490	9,880	8,380	9,600	7,990	9,400	7,940	8,400	7,990	8,000
105	8,350	8,750	7,240	8,850	6,860	8,870	6,830	8,230	6,940	7,190
110	7,320	7,730	6,210	7,830	5,830	7,850	5,800	7,210	5,980	6,240
115	6,380	6,800	5,280	6,910	4,900	6,930	4,880	6,290	5,090	5,380
120	5,530	5,950	4,430	6,060	4,060	6,090	4,040	5,460	4,250	4,580
125	4,750	5,170	3,650	5,290	3,280	5,320	3,270	4,690	3,480	3,840
130	4,030	4,460	2,930	4,580	2,570	4,620	2,560	3,990	2,770	3,140
135	3,370	3,810	2,270	3,930	1,910	3,970	1,900	3,340	2,120	2,490
140	2,750	3,200	1,660	3,320	1,300	3,360	1,290	2,740	1,520	1,900
145	2,170	2,630	1,090	2,760		2,810		2,180		1,340
150	1,630	2,100		2,240		2,290		1,660		
155	1,120	1,610		1,750		1,800		1,180		
160		1,140		1,300		1,350				

80020744

RATED LIFTING CAPACITIES IN POUNDS
59 FT. MANUAL EXTENSION AT 40° FIXED OFFSET ANGLE
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #3262									
in Feet	119.6	134.7	135.3	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	50%	50%	100%	50%	100%	0%	100%	50%	100%	100%
Sect II	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	50%	50%	50%	50%	50%	100%	100%	100%	100%	100%
Sect IV	50%	50%	50%	100%	50%	100%	50%	100%	100%	100%
Sect V	50%	100%	50%	100%	50%	100%	50%	100%	50%	100%
60	10,400	10,200	10,400							
65	10,200	10,000	10,200							
70	10,000	10,000	10,000	9,800	10,000	9,400	10,000			
75	9,800	9,800	9,800	9,800	10,000	9,400	9,800	8,400	9,000	
80	9,600	9,600	9,800	9,600	9,800	9,400	9,800	8,400	9,000	8,000
85	9,600	9,600	9,600	9,600	9,600	9,400	9,600	8,400	9,000	8,000
90	9,400	9,400	9,400	9,400	9,600	9,400	9,600	8,400	9,000	8,000
95	9,400	9,400	9,400	9,400	9,400	9,200	9,400	8,400	9,000	8,000
100	9,200	9,200	9,200	9,200	9,400	9,200	9,400	8,400	9,000	8,000
105	9,200	9,200	8,450	9,000	8,190	9,000	8,220	8,400	8,400	8,000
110	8,210	8,670	7,300	8,800	7,040	8,800	7,090	8,390	7,320	7,590
115	7,160	7,650	6,260	7,820	6,000	7,900	6,050	7,380	6,300	6,630
120	6,200	6,710	5,300	6,890	5,050	6,980	5,110	6,460	5,360	5,740
125	5,310	5,840	4,420	6,040	4,180	6,140	4,240	5,610	4,500	4,890
130	4,490	5,040	3,600	5,250	3,370	5,360	3,450	4,830	3,720	4,110
135	3,720	4,300	2,840	4,530	2,630	4,640	2,710	4,110	2,990	3,390
140	3,000	3,610	2,140	3,850	1,930	3,970	2,030	3,450	2,310	2,720
145	2,310	2,960	1,470	3,220	1,280	3,350	1,390	2,830	1,690	2,100
150		2,350		2,630		2,770		2,250	1,100	1,520
155		1,780		2,070		2,230		1,710		
160				1,550		1,710		1,200		
165				1,050		1,230				

80020745

RATED LIFTING CAPACITIES IN POUNDS AT FIXED BOOM LENGTHS
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 0% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code #1203																		
in Feet	42.3	57.5	57.6	57.8	57.9	58.0	72.6	72.8	73.0	73.2	73.3	73.4	73.5	73.6	73.8	87.9	88.3	88.7	89.1
Sect I	0%	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	0%	50%	100%	0%	0%	0%	50%
Sect II	0%	0%	0%	0%	50%	0%	0%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	50%	50%
Sect III	0%	0%	0%	50%	0%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	0%	50%	50%	50%
Sect IV	0%	0%	50%	0%	0%	0%	0%	50%	100%	50%	0%	0%	0%	0%	0%	50%	50%	50%	0%
Sect V	0%	50%	0%	0%	0%	0%	100%	50%	0%	0%	0%	0%	0%	0%	0%	100%	50%	0%	0%
10	170,500	102,000	120,000	167,000	166,500	162,500	80,000	102,000	97,000	120,000	93,000	151,000	88,000	146,000	83,000	77,000	102,000	120,000	134,000
12	145,000	100,000	120,000	132,000	129,000	126,000	74,400	98,400	90,200	117,500	93,000	120,000	88,000	115,500	83,000	72,200	99,200	113,000	108,000
15	104,000	97,000	99,700	97,700	95,300	92,500	66,000	93,000	80,000	93,750	91,200	90,350	87,500	86,300	83,000	65,000	90,600	86,750	82,200
20	68,100	69,100	67,650	65,950	63,850	61,400	57,000	67,450	65,450	64,950	62,700	61,950	59,450	58,400	55,600	56,000	64,200	60,800	56,800
25	45,750	50,550	49,250	47,700	45,750	43,500	49,000	50,600	48,750	48,300	46,250	45,550	43,200	42,250	39,650	48,000	48,600	45,500	41,750
30	32,550	37,150	36,050	34,750	33,150	31,300	39,650	39,400	37,650	37,250	35,300	34,650	32,450	31,550	29,100	40,100	38,300	35,350	31,850
35		28,350	27,300	26,050	24,500	22,700	30,750	30,600	29,100	28,750	27,100	26,550	24,650	23,900	21,600	32,550	30,900	28,050	24,700
40		22,050	21,050	19,850	18,350	16,600	24,400	24,200	22,800	22,450	20,850	20,300	18,500	17,750	15,750	26,250	24,800	22,350	19,250
45		17,350	16,350	15,250	13,800	12,050	19,650	19,500	18,100	17,750	16,200	15,750	13,950	13,250	11,300	21,450	20,050	17,650	14,900
50							16,000	15,800	14,500	14,200	12,650	12,150	10,400	9,730	7,800	17,750	16,350	14,100	11,350
55							13,100	12,950	11,600	11,300	9,810	9,320	7,600	6,910	5,000	14,900	13,500	11,250	8,530
60																12,450	11,100	8,890	6,210
65																10,500	9,160	6,940	4,280
70																8,810	7,490	5,280	2,650
75																			1,260

Radius	Main Boom Length in Feet - SLI code #1203																
in Feet	103.3	103.9	104.5	118.8	119.0	119.6	134.3	134.7	135.3	149.9	150.1	150.9	165.5	166.4	181.1	181.7	196.9
Sect I	0%	0%	50%	0%	0%	50%	0%	50%	100%	0%	50%	100%	0%	100%	50%	100%	100%
Sect II	0%	50%	50%	0%	50%	50%	0%	50%	50%	50%	50%	100%	100%	100%	100%	100%	100%
Sect III	0%	50%	50%	50%	50%	50%	100%	50%	50%	100%	50%	50%	100%	100%	100%	100%	100%
Sect IV	100%	50%	50%	100%	50%	50%	100%	50%	50%	100%	100%	50%	100%	50%	100%	100%	100%
Sect V	100%	50%	0%	100%	100%	50%	100%	100%	50%	100%	100%	50%	100%	50%	100%	50%	100%
15	55,000	83,950	79,250														
20	47,000	60,100	55,900	48,000	59,000	55,350	41,800	54,500	50,900	36,400	41,800	45,000					
25	41,000	45,700	41,800	43,200	45,450	42,100	40,000	41,950	38,600	36,400	41,100	36,800	29,800	35,200			
30	36,200	36,050	32,350	37,850	36,250	33,050	36,000	33,350	30,150	34,400	32,950	28,850	29,800	28,200	24,200	25,600	22,000
35	31,800	29,100	25,600	31,100	29,600	26,550	29,650	27,100	24,000	28,350	26,950	22,950	26,550	22,600	24,200	22,650	22,000
40	26,500	23,900	20,500	26,050	24,600	21,600	24,800	22,300	19,300	23,700	22,350	18,450	22,150	18,250	20,650	18,450	18,850
45	21,850	19,600	16,400	22,100	20,650	17,750	21,000	18,550	15,600	20,050	18,700	14,900	18,600	14,850	17,300	15,100	15,600
50	18,150	15,950	13,100	18,550	17,300	14,550	17,900	15,550	12,650	17,100	15,750	12,050	15,750	12,050	14,550	12,400	12,950
55	15,250	13,100	10,250	15,700	14,500	11,900	15,350	13,000	10,150	14,600	13,300	9,680	13,400	9,740	12,250	10,150	10,750
60	12,850	10,700	7,940	13,300	12,100	9,650	13,000	10,850	8,040	12,550	11,250	7,670	11,400	7,790	10,300	8,240	8,890
65	10,850	8,760	5,990	11,300	10,100	7,680	11,000	8,990	6,240	10,750	9,480	5,910	9,690	6,120	8,660	6,610	7,290
70	9,180	7,090	4,340	9,600	8,420	6,020	9,300	7,320	4,680	9,110	7,930	4,390	8,180	4,640	7,230	5,190	5,890
75	7,730	5,660	2,940	8,150	6,980	4,600	7,850	5,880	3,330	7,660	6,540	3,060	6,850	3,340	5,960	3,940	4,680
80	6,480	4,430	1,730	6,900	5,730	3,380	6,600	4,640	2,140	6,400	5,300	1,900	5,680	2,200	4,820	2,810	3,600
85	5,400	3,350		5,800	4,650	2,300	5,510	3,560	1,090	5,310	4,210		4,650	1,180	3,810	1,810	2,610
90	4,450	2,410		4,840	3,690	1,360	4,540	2,610		4,350	3,260		3,690		2,900		1,730
95				3,990	2,850		3,690	1,770		3,490	2,410		2,840		2,090		
100				3,230	2,090		2,930	1,020		2,730	1,650		2,080		1,350		
105							2,250			2,050			1,400				
110							1,630			1,430							
115							1,080										

80020668

RATED LIFTING CAPACITIES IN POUNDS AT INTERMEDIATE BOOM LENGTHS
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 0% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1203**												
in Feet	42.3-58.0	58.0-73.8	42.3-57.9	57.9-73.6	57.9-73.5	42.3-57.8	57.8-73.4	73.4-89.1	57.8-73.3	42.3-57.5	57.5-72.6	72.6-87.9	87.9-103.3
I	0-50%	50-100%	0%	0-50%	00%	0%	0%	0-50%	0%	0%	0%	0%	0%
II	0%	0%	0-50%	50%	50-100%	0%	0-50%	50%	0%	0%	0%	0%	0%
III	0%	0%	0%	0%	0%	0-50%	50%	50%	50-100%	0%	0%	0%	0%
IV	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0-50%	50-100%
V	0%	0%	0%	0%	0%	0%	0%	0%	0%	0-50%	50-100%	100%	100%
10	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	88,000	57,000	77,000	61,000
12	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	88,000	57,000	72,200	57,800
15	69,000	62,000	74,000	68,000	60,000	79,000	73,000	68,000	55,000	88,000	57,000	65,000	53,000
20	61,400	55,600	63,850	58,400	59,450	65,950	61,950	56,800	55,000	68,100	56,000	55,000	45,000
25	43,500	39,650	45,750	42,250	43,200	45,750	45,550	41,750	46,250	45,750	49,000	48,000	39,600
30	31,300	29,100	32,550	31,550	32,450	32,550	34,650	31,850	34,750	32,550	37,150	39,650	34,800
35	22,700	21,600	24,500	23,900	24,500	26,050	26,050	24,700	26,050	28,350	28,350	30,750	30,600
40	16,600	15,750	18,350	17,750	18,350	19,850	19,850	19,250	19,850	22,050	22,050	24,400	26,250
45	12,050	11,300	13,800	13,250	13,800	15,250	15,250	14,900	15,250	17,350	17,350	19,650	21,450
50		7,800		9,730	10,400		12,150	11,350	12,650		16,000	16,000	17,750
55		5,000		6,910	7,600		9,320	8,530	9,810		13,100	13,100	14,900
60								6,210				12,450	12,450
65								4,280				10,500	10,500
70								2,650				8,810	8,810
75								1,260					7,730
80													6,480
85													5,400
90													4,450

80020673-1

(Section 1 of 4)

RATED LIFTING CAPACITIES IN POUNDS AT INTERMEDIATE BOOM LENGTHS (cont'd.)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 0% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1203**											
in Feet	103.3-118.8	118.8-134.3	134.3-149.9	149.9-165.5	165.5-181.1	181.1-196.9	57.5-72.8	72.8-88.1	88.1-103.6	103.6-119.1	119.1-134.7	134.7-150.3
I	0%	0%	0%	0%	0-50%	50-100%	0%	0%	0%	0%	0%	0%
II	0%	0%	0-50%	50-100%	100%	100%	0%	0%	0%	0%	0-50%	50-100%
III	0-50%	50-100%	100%	100%	100%	100%	0%	0%	0-50%	50-100%	100%	100%
IV	100%	100%	100%	100%	100%	100%	0-50%	50-100%	100%	100%	100%	100%
V	100%	100%	100%	100%	100%	100%	50%	50%	50%	50%	50%	50%
10							84,000	58,000	77,000			
12							84,000	58,000	73,000			
15	54,000						84,000	58,000	66,650	49,000		
20	47,000	37,000	36,400	27,400			67,450	53,000	56,400	48,000	48,000	33,200
25	41,000	36,400	36,400	27,400	25,400		50,550	46,000	47,600	43,200	43,150	33,200
30	36,000	34,600	34,400	27,400	24,200	19,400	37,150	38,650	37,850	36,050	34,500	32,350
35	31,100	29,650	28,350	26,550	24,200	19,400	28,350	30,600	30,850	29,400	28,150	26,350
40	26,050	24,800	23,700	22,150	20,650	18,850	22,050	24,200	25,050	24,400	23,350	21,750
45	21,850	21,000	20,050	18,600	17,300	15,600	17,350	19,500	20,300	20,450	19,600	18,150
50	18,150	17,900	17,100	15,750	14,550	12,950	15,800	15,800	16,600	17,150	16,550	15,200
55	15,250	15,350	14,600	13,400	12,250	10,750	12,950	12,950	13,750	14,350	14,000	12,800
60	12,850	13,000	12,550	11,400	10,300	8,890		11,350	11,350	11,950	11,800	10,750
65	10,850	11,000	10,750	9,690	8,660	7,290		9,400	9,400	9,950	9,850	8,960
70	9,180	9,300	9,110	8,180	7,230	5,890		7,730	7,730	8,260	8,170	7,410
75	7,730	7,850	7,660	6,850	5,960	4,680			6,300	6,820	6,730	6,060
80	6,480	6,600	6,400	5,680	4,820	3,600			5,760	5,580	5,480	4,850
85	5,400	5,510	5,310	4,650	3,810	2,610			4,680	4,490	4,400	3,770
90	4,450	4,540	4,350	3,690	2,900	1,730			3,730	3,540	3,440	2,820
95	3,990	3,690	3,490	2,840	2,090					2,690	2,590	1,970
100	3,230	2,930	2,730	2,080	1,350					1,940	1,840	1,210
105		2,250	2,050	1,400							1,160	
110		1,630	1,430									
115		1,080										

80020673-2

(Section 2 of 4)

RATED LIFTING CAPACITIES IN POUNDS AT INTERMEDIATE BOOM LENGTHS
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 0% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1203**											
in Feet	150.3-166.0	166.0-181.7	72.8-88.3	88.3-103.8	103.8-119.4	119.4-135.0	135.0-150.7	150.7-166.4	42.3-57.6	57.6-73.0	57.6-73.2	73.2-88.7
I	0-50%	50-100%	0%	0%	0%	0%	0-50%	50-100%	0%	0%	0%	0%
II	100%	100%	0%	0%	0-50%	50-100%	100%	100%	0%	0%	0%	0-50%
III	100%	100%	0-50%	50-100%	100%	100%	100%	100%	0%	0%	0-50%	50%
IV	100%	100%	50%	50%	50%	50%	50%	50%	0-50%	50-100%	50%	50%
V	50%	50%	50%	50%	50%	50%	50%	50%	0%	0%	0%	0%
10			77,000	54,000					85,000	58,000	78,000	73,000
12			77,000	54,000					85,000	58,000	78,000	73,000
15			77,000	54,000	66,000				85,000	58,000	78,000	73,000
20	33,200		64,200	54,000	57,000	43,800	43,800	30,400	67,650	58,000	64,950	60,800
25	33,200	24,200	48,600	46,150	44,050	41,250	38,750	30,400	45,750	48,750	48,300	45,500
30	30,350	23,800	38,300	36,500	34,950	32,700	30,650	28,200	32,550	36,050	36,050	35,350
35	24,700	22,650	30,600	29,550	28,350	26,450	24,750	22,600	27,300	27,300	27,300	28,050
40	20,300	18,450	24,200	24,300	23,350	21,700	20,200	18,250	21,050	21,050	21,050	22,350
45	16,800	15,100	19,500	19,950	19,450	17,950	16,600	14,850	16,350	16,350	16,350	17,650
50	14,000	12,400	15,800	16,300	16,250	14,950	13,700	12,050		14,500	14,200	14,100
55	11,650	10,150	12,950	13,450	13,450	12,400	11,300	9,740		11,600	11,300	11,250
60	9,690	8,240	11,100	11,050	11,050	10,250	9,290	7,790				8,890
65	8,000	6,610	9,160	9,100	9,100	8,440	7,510	6,120				6,940
70	6,510	5,190	7,490	7,430	7,430	6,810	5,970	4,640				5,280
75	5,200	3,940		6,000	6,000	5,380	4,640	3,340				
80	4,040	2,810		4,760	4,760	4,150	3,460	2,200				
85	3,010	1,810		3,680	3,680	3,070	2,420	1,180				
90	2,100			2,740	2,730	2,120	1,500					
95	1,280				1,890	1,280						
100					1,140							

80020673-3

(Section 3 of 4)

RATED LIFTING CAPACITIES IN POUNDS AT INTERMEDIATE BOOM LENGTHS (cont'd.)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 0% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1203**											
in Feet	88.7-104.5	118.8-134.4	134.4-150.1	87.9-103.4	103.4-119.0	119.0-134.7	88.3-103.9	103.9-119.5	119.5-135.2	135.2-150.9	103.9-119.6	119.6-135.3
I	0-50%	0%	0-50%	0%	0%	0-50%	0%	0%	0-50%	50-100%	0-50%	50-100%
II	50%	0-50%	50%	0%	0-50%	50%	0-50%	50-100%	100%	100%	50%	50%
III	50%	50%	50%	0-50%	50%	50%	50%	50%	50%	50%	50%	50%
IV	50%	100%	100%	50%	50%	50%	50%	50%	50%	50%	50%	50%
V	0%	100%	100%	100%	100%	100%	50%	50%	50%	50%	50%	50%
10	68,000			77,000			73,000					
12	68,000			72,200			73,000					
15	68,000			65,000	68,000		73,000	60,000			68,000	
20	55,900	48,000	41,800	55,000	59,000	54,500	60,100	56,000	52,350	37,800	55,350	50,000
25	41,800	43,000	41,100	48,000	45,450	41,950	45,700	42,650	39,950	36,800	42,100	38,600
30	32,350	35,650	32,950	38,550	36,250	33,350	36,050	33,600	31,450	28,850	33,050	30,150
35	25,600	29,300	26,950	31,550	29,600	27,100	29,100	27,050	25,250	22,950	26,550	24,000
40	20,500	24,450	22,350	26,250	24,600	22,300	23,900	22,100	20,500	18,450	21,600	19,300
45	16,400	20,650	18,700	21,450	20,650	18,550	19,600	18,250	16,800	14,900	17,750	15,600
50	13,100	17,600	15,750	17,750	17,300	15,550	15,950	15,050	13,800	12,050	14,550	12,650
55	10,250	15,050	13,300	14,900	14,500	13,000	13,100	12,400	11,300	9,680	11,900	10,150
60	7,940	12,700	11,250	12,450	12,100	10,850	10,700	10,050	9,180	7,670	9,650	8,040
65	5,990	10,700	9,480	10,500	10,100	8,990	8,760	8,100	7,360	5,910	7,680	6,240
70	4,340	9,040	7,930	8,810	8,420	7,320	7,090	6,430	5,800	4,390	6,020	4,680
75	2,940	7,590	6,540	7,520	6,980	5,880	5,660	5,010	4,440	3,060	4,600	3,330
80	1,730	6,340	5,300	6,280	5,730	4,640	4,430	3,780	3,220	1,900	3,380	2,140
85		5,250	4,210	5,190	4,650	3,560	3,350	2,700	2,150		2,300	1,090
90		4,290	3,260		3,690	2,610	2,410	1,760	1,210		1,360	
95		3,440	2,410		2,850	1,770						
100		2,680	1,650		2,090	1,020						
105		2,000										
110		1,380										

80020673-4

(Section 4 of 4)

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (EXTENDING)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 0% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1203**												
in Feet	42.3-58.0	58.0-73.8	42.3-57.9	57.9-73.6	57.9-73.5	42.3-57.8	57.8-73.4	73.4-89.1	57.8-73.3	42.3-57.5	57.5-72.6	72.6-87.9	87.9-103.3
I	0-50%	50-100%	0%	0-50%	00%	0%	0%	0-50%	0%	0%	0%	0%	0%
II	0%	0%	0-50%	50%	50-100%	0%	0-50%	50%	0%	0%	0%	0%	0%
III	0%	0%	0%	0%	0%	0-50%	50%	50%	50-100%	0%	0%	0%	0%
IV	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0%	0-50%	50-100%
V	0%	0%	0%	0%	0%	0%	0%	0%	0%	0-50%	50-100%	100%	100%
10	53,000	33,600	57,000	50,000	33,400	63,000	55,000	50,000	28,400	69,000	32,600	63,000	28,200
12	52,600	32,150	57,000	50,000	31,800	62,200	54,600	49,200	27,600	69,000	30,900	61,400	27,200
15	52,000	30,000	57,000	50,000	29,400	61,000	54,000	48,000	26,400	69,000	28,400	59,000	25,800
20	52,000	26,800	57,000	49,000	26,800	61,000	53,000	44,000	24,600	68,100	26,600	53,000	23,600
25	43,500	24,800	45,750	42,250	24,800	45,750	45,550	41,750	23,200	45,750	25,400	46,000	22,000
30	31,300	23,400	32,550	31,550	23,600	32,550	34,650	31,850	22,000	32,550	24,200	39,650	20,600
35	22,700	21,600	24,500	23,900	22,400	26,050	26,050	24,700	21,000	28,350	23,400	30,750	19,000
40	16,600	15,750	18,350	17,750	18,350	19,850	19,850	19,250	19,850	22,050	22,050	24,400	18,000
45	12,050	11,300	13,800	13,250	13,800	15,250	15,250	14,900	15,250	17,350	17,350	19,650	16,800
50		7,800		9,730	10,400		12,150	11,350	12,650		16,000	16,000	15,400
55		5,000		6,910	7,600		9,320	8,530	9,810		13,100	13,100	13,200
60								6,210				12,450	12,450
65								4,280				10,500	10,500
70								2,650				8,810	8,810
75								1,260					7,730
80													6,480
85													5,400
90													4,450

80021554-1

(Section 1 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (EXTENDING) (cont'd.)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 0% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1203**											
in Feet	103.3-118.8	118.8-134.3	134.3-149.9	149.9-165.5	165.5-181.1	181.1-196.9	57.5-72.8	72.8-88.1	88.1-103.6	103.6-119.1	119.1-134.7	134.7-150.3
I II III IV V	0% 0% 0-50% 100% 100%	0% 0% 50-100% 100% 100%	0% 0-50% 100% 100% 100%	0% 50-100% 100% 100% 100%	0-50% 100% 100% 100% 100%	50-100% 100% 100% 100% 100%	0% 0% 0% 0-50% 50%	0% 0% 0% 50-100% 50%	0% 0% 0-50% 100% 50%	0% 0% 50-100% 100% 50%	0% 0-50% 100% 100% 50%	0% 50-100% 100% 100% 50%
10							65,000	31,600	57,000			
12							63,800	29,750	56,200			
15	52,000						62,000	27,000	55,000	22,600		
20	45,000	20,200	36,400	20,600			60,000	25,000	53,000	20,600	46,000	21,000
25	39,000	18,200	36,400	18,600	24,200		50,550	23,400	47,600	18,800	41,200	18,800
30	34,200	16,600	34,400	16,800	24,200	15,400	37,150	22,000	37,850	17,000	34,500	17,000
35	30,200	14,000	28,350	14,000	24,200	12,200	28,350	20,600	30,850	14,400	28,150	14,200
40	26,050	12,400	23,700	12,200	20,650	11,000	22,050	19,600	25,050	12,600	23,350	12,200
45	21,850	11,400	20,050	11,200	17,300	9,800	17,350	18,600	20,300	11,800	19,600	11,200
50	18,150	10,600	17,100	10,200	14,550	9,000	15,800	15,800	16,600	11,000	16,550	10,200
55	15,250	10,000	14,600	9,400	12,250	8,000	12,950	12,950	13,750	10,400	14,000	9,400
60	12,850	9,400	12,550	8,600	10,300	7,400		11,350	11,350	9,800	11,800	8,800
65	10,850	8,600	10,750	8,000	8,660	6,400		9,400	9,400	9,400	9,850	8,000
70	9,180	8,200	9,110	7,600	7,230	5,800		7,730	7,730	8,260	8,170	7,400
75	7,730	7,800	7,660	6,800	5,960	4,680			6,300	6,820	6,730	6,060
80	6,480	6,600	6,400	5,680	4,820	3,600			5,760	5,580	5,480	4,850
85	5,400	5,510	5,310	4,650	3,810	2,610			4,680	4,490	4,400	3,770
90	4,450	4,540	4,350	3,690	2,900	1,730			3,730	3,540	3,440	2,820
95	3,990	3,690	3,490	2,840	2,090					2,690	2,590	1,970
100	3,230	2,930	2,730	2,080	1,350					1,940	1,840	1,210
105		2,250	2,050	1,400							1,160	
110		1,630	1,430									
115		1,080										

80021554-2

(Section 2 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (EXTENDING) (cont'd.)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 0% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1203**											
in Feet	150.3-166.0	166.0-181.7	72.8-88.3	88.3-103.8	103.8-119.4	119.4-135.0	135.0-150.7	150.7-166.4	42.3-57.6	57.6-73.0	57.6-73.2	73.2-88.7
I II III IV V	0-50% 100% 100% 100% 50%	50-100% 100% 100% 100% 50%	0% 0% 0-50% 50% 50%	0% 0% 50-100% 50% 50%	0% 0-50% 100% 50% 50%	0% 50-100% 100% 50% 50%	0-50% 100% 100% 50% 50%	50-100% 100% 100% 50% 50%	0% 0% 0% 0-50% 0%	0% 0% 0% 50-100% 0%	0% 0% 0-50% 50% 0%	0% 0-50% 50% 50% 0%
10			58,000	25,600					67,000	33,200	59,000	54,000
12			57,200	24,700					66,600	31,800	58,600	53,200
15			56,000	23,400	51,000				66,000	29,800	58,000	52,000
20	31,600		55,000	21,400	49,000	21,200	41,600	19,800	66,000	27,000	57,000	51,000
25	31,600	17,800	48,600	19,600	44,050	19,400	38,750	18,000	45,750	25,400	48,300	45,500
30	30,350	15,400	38,300	18,200	34,950	17,600	30,650	15,600	32,550	24,200	36,050	35,350
35	24,700	12,400	30,600	16,800	28,350	14,600	24,750	12,400	27,300	23,200	27,300	28,050
40	20,300	11,000	24,200	15,400	23,350	12,800	20,200	11,200	21,050	21,050	21,050	22,350
45	16,800	10,000	19,500	12,600	19,450	11,800	16,600	10,200	16,350	16,350	16,350	17,650
50	14,000	8,800	15,800	12,000	16,250	10,800	13,700	9,200		14,500	14,200	14,100
55	11,650	8,000	12,950	11,400	13,450	10,200	11,300	8,000		11,600	11,300	11,250
60	9,690	7,200	11,100	10,800	11,050	9,200	9,290	7,400				8,890
65	8,000	6,200	9,160	9,100	9,100	8,440	7,510	6,120				6,940
70	6,510	5,190	7,490	7,430	7,430	6,810	5,970	4,640				5,280
75	5,200	3,940		6,000	6,000	5,380	4,640	3,340				
80	4,040	2,810		4,760	4,760	4,150	3,460	2,200				
85	3,010	1,810		3,680	3,680	3,070	2,420	1,180				
90	2,100			2,740	2,730	2,120	1,500					
95	1,280				1,890	1,280						
100					1,140							

80021554-3

(Section 3 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (EXTENDING) (cont'd.)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 0% EXTENDED - 360°

Radius in Feet	Main Boom Length in Feet - SLI code **#1203**											
	88.7-104.5	118.8-134.4	134.4-150.1	87.9-103.4	103.4-119.0	119.0-134.7	88.3-103.9	103.9-119.5	119.5-135.2	135.2-150.9	103.9-119.6	119.6-135.3
I II III IV V	0-50% 50% 50% 50% 0%	0% 0-50% 50% 100% 100%	0-50% 50% 50% 100% 100%	0% 0% 0-50% 50% 100%	0% 0-50% 50% 50% 100%	0-50% 50% 50% 50% 100%	0% 0-50% 50% 50% 50%	0% 50-100% 50% 50% 50%	0-50% 100% 50% 50% 50%	50-100% 100% 50% 50% 50%	0-50% 50% 50% 50% 50%	50-100% 50% 50% 50% 50%
10	51,000			57,000			54,000					
12	49,000			56,200			53,200					
15	46,000			55,000	51,000		52,000	24,400			45,000	
20	43,200	46,000	41,800	53,000	49,000	42,400	50,000	22,400	41,800	20,800	42,800	21,600
25	41,800	41,000	40,400	46,000	45,450	40,600	45,700	20,200	39,950	18,400	41,400	19,200
30	32,350	35,650	32,950	38,550	36,250	33,350	36,050	18,600	31,450	16,200	33,050	17,400
35	25,600	29,300	26,950	31,550	29,600	27,100	29,100	17,000	25,250	12,800	26,550	14,400
40	20,500	24,450	22,350	26,250	24,600	22,300	23,900	15,400	20,500	11,600	21,600	12,600
45	16,400	20,650	18,700	21,450	20,650	18,550	19,600	12,600	16,800	10,400	17,750	11,400
50	13,100	17,600	15,750	17,750	17,300	15,550	15,950	11,800	13,800	9,400	14,550	10,400
55	10,250	15,050	13,300	14,900	14,500	13,000	13,100	11,000	11,300	8,800	11,900	9,600
60	7,940	12,700	11,250	12,450	12,100	10,850	10,700	10,050	9,180	7,600	9,650	8,040
65	5,990	10,700	9,480	10,500	10,100	8,990	8,760	8,100	7,360	5,910	7,680	6,240
70	4,340	9,040	7,930	8,810	8,420	7,320	7,090	6,430	5,800	4,390	6,020	4,680
75	2,940	7,590	6,540	7,520	6,980	5,880	5,660	5,010	4,440	3,060	4,600	3,330
80	1,730	6,340	5,300	6,280	5,730	4,640	4,430	3,780	3,220	1,900	3,380	2,140
85		5,250	4,210	5,190	4,650	3,560	3,350	2,700	2,150		2,300	1,090
90		4,290	3,260		3,690	2,610	2,410	1,760	1,210		1,360	
95		3,440	2,410		2,850	1,770						
100		2,680	1,650		2,090	1,020						
105		2,000										
110		1,380										

80021554-4

(Section 4 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (RETRACTING)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 0% EXTENDED - 360°

Radius in Feet	Main Boom Length in Feet - SLI code **#1203**												
	42.3-58.0	58.0-73.8	42.3-57.9	57.9-73.6	57.9-73.5	42.3-57.8	57.8-73.4	73.4-89.1	57.8-73.3	42.3-57.5	57.5-72.6	72.6-87.9	87.9-103.3
I II III IV V	0-50% 0% 0% 0% 0%	50-100% 0% 0% 0% 0%	0% 0-50% 0% 0% 0%	0-50% 50% 0% 0% 0%	00% 50-100% 0% 0% 0%	0% 0% 0-50% 0% 0%	0% 0-50% 50% 0% 0%	0-50% 50% 50% 0% 0%	0% 0% 50-100% 0% 0%	0% 0% 0% 0% 0-50%	0% 0% 0% 0% 50-100%	0% 0% 0% 0-50% 100%	0% 0% 0% 50-100% 100%
10	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	84,000	54,000	74,000	58,000
12	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	84,000	54,000	69,200	54,800
15	66,000	59,000	71,000	65,000	57,000	75,000	70,000	65,000	52,000	84,000	54,000	62,000	50,000
20	61,400	55,600	63,850	58,400	57,000	65,950	61,950	56,800	52,000	68,100	54,000	53,000	43,200
25	43,500	39,650	45,750	42,250	43,200	45,750	45,550	41,750	46,250	45,750	47,000	46,000	37,600
30	31,300	29,100	32,550	31,550	32,450	32,550	34,650	31,850	34,750	32,550	37,150	39,650	33,000
35	22,700	21,600	24,500	23,900	24,500	26,050	26,050	24,700	26,050	28,350	28,350	30,750	29,200
40	16,600	15,750	18,350	17,750	18,350	19,850	19,850	19,250	19,850	22,050	22,050	24,400	26,200
45	12,050	11,300	13,800	13,250	13,800	15,250	15,250	14,900	15,250	17,350	17,350	19,650	21,450
50		7,800		9,730	10,400		12,150	11,350	12,650		16,000	16,000	17,750
55		5,000		6,910	7,600		9,320	8,530	9,810		13,100	13,100	14,900
60								6,210				12,450	12,450
65								4,280				10,500	10,500
70								2,650				8,810	8,810
75								1,260					7,730
80													6,480
85													5,400
90													4,450

80021555-1

(Section 1 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (RETRACTING) (cont'd.)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 0% EXTENDED - 360°

Radius in Feet	Main Boom Length in Feet - SLI code **#1203**											
	103.3-118.8	118.8-134.3	134.3-149.9	149.9-165.5	165.5-181.1	181.1-196.9	57.5-72.8	72.8-88.1	88.1-103.6	103.6-119.1	119.1-134.7	134.7-150.3
I II III IV V	0% 0% 0-50% 100% 100%	0% 0% 50-100% 100% 100%	0% 0-50% 100% 100% 100%	0% 50-100% 100% 100% 100%	0-50% 100% 100% 100% 100%	50-100% 100% 100% 100% 100%	0% 0% 0% 0-50% 50%	0% 0% 0% 50-100% 50%	0% 0% 0-50% 100% 50%	0% 0% 50-100% 100% 50%	0% 0-50% 100% 100% 50%	0% 50-100% 100% 100% 50%
10							80,000	55,000	73,000			
12							80,000	55,000	69,400			
15	52,000						80,000	55,000	64,000	47,000		
20	45,000	35,200	36,400	26,000			67,450	51,000	56,000	46,000	46,000	31,600
25	39,000	34,800	36,400	26,000	24,200		50,550	44,000	47,600	41,200	41,200	31,600
30	34,200	33,000	34,400	26,000	24,200	18,600	37,150	38,400	37,850	36,050	34,500	31,600
35	30,200	29,400	28,350	26,000	24,200	18,600	28,350	30,600	30,850	29,400	28,150	26,350
40	26,050	24,800	23,700	22,150	20,650	18,400	22,050	24,200	25,050	24,400	23,350	21,750
45	21,850	21,000	20,050	18,600	17,300	15,600	17,350	19,500	20,300	20,450	19,600	18,150
50	18,150	17,900	17,100	15,750	14,550	12,950	15,800	15,800	16,600	17,150	16,550	15,200
55	15,250	15,350	14,600	13,400	12,250	10,750	12,950	12,950	13,750	14,350	14,000	12,800
60	12,850	13,000	12,550	11,400	10,300	8,890		11,350	11,350	11,950	11,800	10,750
65	10,850	11,000	10,750	9,690	8,660	7,290		9,400	9,400	9,950	9,850	8,960
70	9,180	9,300	9,110	8,180	7,230	5,890		7,730	7,730	8,260	8,170	7,410
75	7,730	7,850	7,660	6,850	5,960	4,680			6,300	6,820	6,730	6,060
80	6,480	6,600	6,400	5,680	4,820	3,600			5,760	5,580	5,480	4,850
85	5,400	5,510	5,310	4,650	3,810	2,610			4,680	4,490	4,400	3,770
90	4,450	4,540	4,350	3,690	2,900	1,730			3,730	3,540	3,440	2,820
95	3,990	3,690	3,490	2,840	2,090					2,690	2,590	1,970
100	3,230	2,930	2,730	2,080	1,350					1,940	1,840	1,210
105		2,250	2,050	1,400							1,160	
110		1,630	1,430									
115		1,080										

80021555-2

(Section 2 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (RETRACTING) (cont'd.)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 0% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1203**											
in Feet	150.3-166.0	166.0-181.7	72.8-88.3	88.3-103.8	103.8-119.4	119.4-135.0	135.0-150.7	150.7-166.4	42.3-57.6	57.6-73.0	57.6-73.2	73.2-88.7
I II III IV V	0-50% 100% 100% 100% 50%	50-100% 100% 100% 100% 50%	0% 0% 0-50% 50% 50%	0% 0% 50-100% 50% 50%	0% 0-50% 100% 50% 50%	0% 50-100% 100% 50% 50%	0-50% 100% 100% 50% 50%	50-100% 100% 100% 50% 50%	0% 0% 0% 0-50% 0%	0% 0% 0% 50-100% 0%	0% 0% 0-50% 50% 0%	0% 0-50% 50% 50% 0%
10			74,000	52,000					81,000	56,000	74,000	69,000
12			74,000	52,000					81,000	56,000	74,000	69,000
15			74,000	52,000	63,000				81,000	56,000	74,000	69,000
20	31,600		64,200	52,000	54,000	41,600	41,600	28,800	67,650	56,000	64,950	60,800
25	31,600	23,000	48,600	46,150	44,050	41,250	38,750	28,800	45,750	48,750	48,300	45,500
30	30,350	22,800	38,300	36,500	34,950	32,700	30,650	28,200	32,550	36,050	36,050	35,350
35	24,700	22,650	30,600	29,550	28,350	26,450	24,750	22,600	27,300	27,300	27,300	28,050
40	20,300	18,450	24,200	24,300	23,350	21,700	20,200	18,250	21,050	21,050	21,050	22,350
45	16,800	15,100	19,500	19,950	19,450	17,950	16,600	14,850	16,350	16,350	16,350	17,650
50	14,000	12,400	15,800	16,300	16,250	14,950	13,700	12,050		14,500	14,200	14,100
55	11,650	10,150	12,950	13,450	13,450	12,400	11,300	9,740		11,600	11,300	11,250
60	9,690	8,240	11,100	11,050	11,050	10,250	9,290	7,790				8,890
65	8,000	6,610	9,160	9,100	9,100	8,440	7,510	6,120				6,940
70	6,510	5,190	7,490	7,430	7,430	6,810	5,970	4,640				5,280
75	5,200	3,940		6,000	6,000	5,380	4,640	3,340				
80	4,040	2,810		4,760	4,760	4,150	3,460	2,200				
85	3,010	1,810		3,680	3,680	3,070	2,420	1,180				
90	2,100			2,740	2,730	2,120	1,500					
95	1,280				1,890	1,280						
100					1,140							

80021555-3

(Section 3 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS AT TELESCOPING BOOM LENGTHS (RETRACTING) (cont'd.)
WITH 39,000 lb COUNTERWEIGHT
ON OUTRIGGERS 0% EXTENDED - 360°

Radius	Main Boom Length in Feet - SLI code **#1203**											
in Feet	88.7-104.5	118.8-134.4	134.4-150.1	87.9-103.4	103.4-119.0	119.0-134.7	88.3-103.9	103.9-119.5	119.5-135.2	135.2-150.9	103.9-119.6	119.6-135.3
I	0-50%	0%	0-50%	0%	0%	0-50%	0%	0%	0-50%	50-100%	0-50%	50-100%
II	50%	0-50%	50%	0%	0-50%	50%	0-50%	50-100%	100%	100%	50%	50%
III	50%	50%	50%	0-50%	50%	50%	50%	50%	50%	50%	50%	50%
IV	50%	100%	100%	50%	50%	50%	50%	50%	50%	50%	50%	50%
V	0%	100%	100%	100%	100%	100%	50%	50%	50%	50%	50%	50%
10	65,000			73,000			69,000					
12	65,000			68,600			69,000					
15	65,000			62,000	65,000		69,000	57,000			65,000	
20	55,900	46,000	41,800	53,000	58,000	54,500	60,100	56,000	52,350	36,000	55,350	47,000
25	41,800	41,000	41,100	46,000	45,450	41,950	45,700	42,650	39,950	35,600	42,100	38,600
30	32,350	35,650	32,950	38,550	36,250	33,350	36,050	33,600	31,450	28,850	33,050	30,150
35	25,600	29,300	26,950	31,550	29,600	27,100	29,100	27,050	25,250	22,950	26,550	24,000
40	20,500	24,450	22,350	26,250	24,600	22,300	23,900	22,100	20,500	18,450	21,600	19,300
45	16,400	20,650	18,700	21,450	20,650	18,550	19,600	18,250	16,800	14,900	17,750	15,600
50	13,100	17,600	15,750	17,750	17,300	15,550	15,950	15,050	13,800	12,050	14,550	12,650
55	10,250	15,050	13,300	14,900	14,500	13,000	13,100	12,400	11,300	9,680	11,900	10,150
60	7,940	12,700	11,250	12,450	12,100	10,850	10,700	10,050	9,180	7,670	9,650	8,040
65	5,990	10,700	9,480	10,500	10,100	8,990	8,760	8,100	7,360	5,910	7,680	6,240
70	4,340	9,040	7,930	8,810	8,420	7,320	7,090	6,430	5,800	4,390	6,020	4,680
75	2,940	7,590	6,540	7,520	6,980	5,880	5,660	5,010	4,440	3,060	4,600	3,330
80	1,730	6,340	5,300	6,280	5,730	4,640	4,430	3,780	3,220	1,900	3,380	2,140
85		5,250	4,210	5,190	4,650	3,560	3,350	2,700	2,150		2,300	1,090
90		4,290	3,260		3,690	2,610	2,410	1,760	1,210		1,360	
95		3,440	2,410		2,850	1,770						
100		2,680	1,650		2,090	1,020						
105		2,000										
110		1,380										

80021555-4

(Section 4 of 4)

• These lifting capacity values are not monitored by the SLI. However, they are within the capacity value for intermediate boom lengths, which are monitored by the SLI
• The telescopable load depends on the angle of the boom and on how well the sliding wear pads between the telescoping sections are lubricated.

RATED LIFTING CAPACITIES IN POUNDS
MAIN BOOM AT FIXED BOOM LENGTHS
WITH 39,000 lb COUNTERWEIGHT
ON RUBBER PICK & CARRY CAPACITES (UP TO 2.5 MPH)
BOOM CENTERED OVER FRONT

Tele. Sect.	SLI code #1205					
	Main Boom Length in Feet					
	42.3	57.5	72.6	72.8	87.9	88.3
Sect I	0%	0%	0%	0%	0%	0%
Sect II	0%	0%	0%	0%	0%	0%
Sect III	0%	0%	0%	0%	0%	50%
Sect IV	0%	0%	0%	50%	50%	50%
Sect V	0%	50%	100%	50%	100%	50%
Radius in Feet	Lifting Capacities in Pounds					
15	57,500					
20	42,400	34,000				
25	31,500	34,000				
30	23,450	28,550	30,700	30,500		
35		23,000	25,250	25,100	26,000	21,700
40		18,650	20,950	20,750	22,400	18,400
45		15,050	17,300	17,150	19,150	15,700
50			14,350	14,150	16,400	13,450
55			11,800	11,600	14,000	11,500
60			9,690	9,480	11,950	9,820
65					10,200	8,370
70					8,690	7,100
75					7,340	5,990
80						5,010

Boom Angle	Lifting Capacities in Pounds					
0°	18,350	12,600	8,080	7,800	6,240	5,010

80020677

NOTES FOR FIXED AND INTERMEDIATE LENGTHS WHEN LIFTING ON RUBBER:

- Capacities do not exceed 75% of tipping loads as determined by test in accordance with SAE J765.
- Capacities are applicable to machines equipped with General/Titan 33.25x29 (38 ply) tires at 85 psi cold inflation pressure.
- Capacities are applicable only with machine on firm level surface.
- On rubber lifting with boom extension is not permitted.
- All lifting depends on proper tire inflation, capacity and condition. Capacities must be reduced for lower tire inflation pressures. Damaged tires are hazardous to safe operation of crane.
- For pick and carry operation, boom must be centered over front of machine, mechanical swing lock engaged and load restrained from swinging.

RATED LIFTING CAPACITIES IN POUNDS
MAIN BOOM AT INTERMEDIATE BOOM LENGTHS
WITH 39,000 lb COUNTERWEIGHT
ON RUBBER PICK & CARRY CAPACITES (UP TO 2.5 MPH)
BOOM CENTERED OVER FRONT

Tele. Sect.	SLI code #1205				
	Main Boom Length in Feet				
	42.3-57.5	57.5-72.6	57.5-72.8	72.6-87.9	72.8-88.3
Sect I	0%	0%	0%	0%	0%
Sect II	0%	0%	0%	0%	0%
Sect III	0%	0%	0%	0%	0-50%
Sect IV	0%	0%	0-50%	0-50%	50%
Sect V	0-50%	50-100%	50%	100%	50%
Radius in Feet	Lifting Capacities in Pounds				
15	57,500				
20	34,000	34,000	34,000		
25	31,500	34,000	34,000		
30	23,450	28,550	28,550	30,700	30,500
35	23,000	23,000	23,000	25,250	21,700
40	18,650	18,650	18,650	20,950	18,400
45	15,050	15,050	15,050	17,300	15,700
50		14,350	14,150	14,350	13,450
55		11,800	11,600	11,800	11,500
60				9,690	9,480
65				9,690	8,370
70				8,690	7,100

80020675

TIRE INFLATION - PSI (BAR)

SIZE (FRONT & REAR)	TRA CODE	LIFTING SERVICE & GENERAL TRAVEL	EXTENDED TRAVEL
		STATIC, CREEP & 2.5 MPH (4.0 km/h)	
33.25x29 (38)	E-3	85 (5.9)	76 (5.2)

RATED LIFTING CAPACITIES IN POUNDS FOR INSTALLING COUNTERWEIGHT
MAIN BOOM WITH NO COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°

FIXED BOOM LENGTHS

Tele. Sect.	SLI code #1100		
	Main Boom Length in Feet		
	42.3	57.5	57.6
Sect I	0%	0%	0%
Sect II	0%	0%	0%
Sect III	0%	0%	0%
Sect IV	0%	0%	50%
Sect V	0%	50%	0%
Radius in Feet	Lifting Capacities in Pounds		
10	100,000	100,000	100,000
12	100,000	100,000	100,000
15	100,000	97,000	100,000
20	100,000	83,000	100,000
25	91,150	73,000	94,550
30	70,550	66,000	74,650
35		55,300	53,850
40		42,350	41,050

80020692

INTERMEDIATE BOOM LENGTHS

Tele. Sect.	SLI code #1100	
	Main Boom Length in Feet	
	42.3-57.5	42.3-57.6
Sect I	0%	0%
Sect II	0%	0%
Sect III	0%	0%
Sect IV	0%	0-50%
Sect V	0-50%	0%
Radius in Feet	Lifting Capacities in Pounds	
10	88,000	85,000
12	88,000	85,000
15	88,000	85,000
20	83,000	85,000
25	73,000	85,000
30	66,000	70,550

80020694

RATED LIFTING CAPACITIES IN POUNDS FOR INSTALLING OUTRIGGER BOXES
MAIN BOOM WITH NO COUNTERWEIGHT AND WITH OUTRIGGER BOXES REMOVED
STATIONARY ON RUBBER - 360 DEGREES

FIXED BOOM LENGTHS

Tele. Sect.	SLI code #1104		
	Main Boom Length in Feet		
	42.3	57.5	57.6
Sect I	0%	0%	0%
Sect II	0%	0%	0%
Sect III	0%	0%	0%
Sect IV	0%	0%	50%
Sect V	0%	50%	0%
Radius in Feet	Lifting Capacities in Pounds		
10	25,000	25,000	25,000
12	25,000	25,000	25,000
15	25,000	25,000	25,000
20	15,650	19,400	18,350
25	8,000	11,750	10,750

80020700

INTERMEDIATE BOOM LENGTHS

Tele. Sect.	SLI code #1104	
	Main Boom Length in Feet	
	42.3-57.5	42.3-57.6
Sect I	0%	0%
Sect II	0%	0%
Sect III	0%	0%
Sect IV	0%	0-50%
Sect V	0-50%	0%
Radius in Feet	Lifting Capacities in Pounds	
10	25,000	25,000
12	25,000	25,000
15	25,000	25,000
20	15,650	15,650
25	8,000	8,000

80020699

• Capacities are applicable to machines equipped with General/Titan 33.25x29 (38 ply) tires at 85 psi cold inflation pressure. Capacities do not exceed 75% of tipping loads as determined by test in accordance with SAE J765.

• With no load, do not exceed a 30 ft. load radius over sides of machine since a loss of stability could occur causing a tipping condition. To lower boom into a horizontal position, swing the boom directly over the front of the machine and either fully retract the boom or switch the SLI system into a rigging table.

• Once one outrigger box is installed, do not swing load over that end of the machine while installing the other outrigger box.

• Capacities are applicable only with machine on firm level surface.

• Each outrigger box assy weighs 9500 lb including the outrigger beams and pads.

• On rubber lifting with boom extension is not permitted.

• Axle lockouts must be functioning when lifting on rubber over the sides.

• All lifting depends on proper tire inflation, capacity and condition. Capacities must be reduced for lower tire inflation pressures. Damaged tires are hazardous to safe operation of crane.