

NATIONAL CRANE

by **Manitowoc**

LOAD CHARTS NBT60XL

85% STABILITY ON OUTRIGGERS

302613

SERIAL NUMBER

CONTENTS

| | |
|---|-----|
| GENERAL NOTES | 7-8 |
| WIND SPEED AND WEIGHT REDUCTIONS | 9 |
| LINE PULLS & REEVING INFO / HOIST PERFORMANCE | 10 |
| LIFTING AREA DIAGRAM..... | 11 |
| RCL BASKET CODES..... | 12 |
| RANGE DIAGRAM WITH EXTENSION | 13 |

WITH 16,000 lb COUNTERWEIGHT

ON OUTRIGGERS FULLY EXTENDED - 360°

| | |
|---|----|
| MAIN BOOM..... | 14 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 15 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 16 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 17 |

ON OUTRIGGERS FULLY EXTENDED - OVER REAR

| | |
|---|----|
| MAIN BOOM..... | 18 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 19 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 20 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 21 |

ON OUTRIGGERS 50% EXTENDED - 360°

| | |
|---|----|
| MAIN BOOM..... | 22 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 23 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 24 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 25 |

ON OUTRIGGERS 0% EXTENDED - 360°

| | |
|----------------|----|
| MAIN BOOM..... | 26 |
|----------------|----|

WITH 13,000 lb COUNTERWEIGHT

ON OUTRIGGERS FULLY EXTENDED - 360°

| | |
|---|----|
| MAIN BOOM..... | 27 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 28 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 29 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 30 |

ON OUTRIGGERS FULLY EXTENDED - OVER REAR

| | |
|---|----|
| MAIN BOOM..... | 31 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 32 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 33 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 34 |

ON OUTRIGGERS 50% EXTENDED - 360°

| | |
|---|----|
| MAIN BOOM..... | 35 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 36 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 37 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 38 |

ON OUTRIGGERS 0% EXTENDED - 360°

| | |
|----------------|----|
| MAIN BOOM..... | 39 |
|----------------|----|

CONTENTS (continued)

WITH 11,000 lb COUNTERWEIGHT

ON OUTRIGGERS FULLY EXTENDED - 360°

| | |
|---|----|
| MAIN BOOM..... | 40 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 41 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 42 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 43 |

ON OUTRIGGERS FULLY EXTENDED - OVER REAR

| | |
|---|----|
| MAIN BOOM..... | 44 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 45 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 46 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 47 |

ON OUTRIGGERS 50% EXTENDED - 360°

| | |
|---|----|
| MAIN BOOM..... | 48 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 49 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 50 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 51 |

ON OUTRIGGERS 0% EXTENDED - 360°

| | |
|----------------|----|
| MAIN BOOM..... | 52 |
|----------------|----|

WITH 10,000 lb COUNTERWEIGHT

ON OUTRIGGERS FULLY EXTENDED - 360°

| | |
|---|----|
| MAIN BOOM..... | 53 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 54 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 55 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 56 |

ON OUTRIGGERS FULLY EXTENDED - OVER REAR

| | |
|---|----|
| MAIN BOOM..... | 57 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 58 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 59 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 60 |

ON OUTRIGGERS 50% EXTENDED - 360°

| | |
|---|----|
| MAIN BOOM..... | 61 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 62 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 63 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 64 |

ON OUTRIGGERS 0% EXTENDED - 360°

| | |
|----------------|----|
| MAIN BOOM..... | 65 |
|----------------|----|

WITH 8,000 lb COUNTERWEIGHT

ON OUTRIGGERS FULLY EXTENDED - 360°

| | |
|---|----|
| MAIN BOOM..... | 66 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 67 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 68 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 69 |

CONTENTS (continued)

WITH 8,000 lb COUNTERWEIGHT (continued)

ON OUTRIGGERS FULLY EXTENDED - OVER REAR

| | |
|---|----|
| MAIN BOOM..... | 70 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 71 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 72 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 73 |

ON OUTRIGGERS 50% EXTENDED - 360°

| | |
|---|----|
| MAIN BOOM..... | 74 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 75 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 76 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 77 |

ON OUTRIGGERS 0% EXTENDED - 360°

| | |
|----------------|----|
| MAIN BOOM..... | 78 |
|----------------|----|

WITH 6,000 lb COUNTERWEIGHT

ON OUTRIGGERS FULLY EXTENDED - 360°

| | |
|---|----|
| MAIN BOOM..... | 79 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 80 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 81 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 82 |

ON OUTRIGGERS FULLY EXTENDED - OVER REAR

| | |
|---|----|
| MAIN BOOM..... | 83 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 84 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 85 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 86 |

ON OUTRIGGERS 50% EXTENDED - 360°

| | |
|---|----|
| MAIN BOOM..... | 87 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 88 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 89 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 90 |

ON OUTRIGGERS 0% EXTENDED - 360°

| | |
|----------------|----|
| MAIN BOOM..... | 91 |
|----------------|----|

WITH 5,000 lb COUNTERWEIGHT

ON OUTRIGGERS FULLY EXTENDED - 360°

| | |
|---|----|
| MAIN BOOM..... | 92 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 93 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 94 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 95 |

ON OUTRIGGERS FULLY EXTENDED - OVER REAR

| | |
|---|----|
| MAIN BOOM..... | 96 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 97 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 98 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 99 |

CONTENTS (continued)

WITH 5,000 lb COUNTERWEIGHT (continued)

ON OUTRIGGERS 50% EXTENDED - 360°

| | |
|---|-----|
| MAIN BOOM..... | 100 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 101 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 102 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 103 |

ON OUTRIGGERS 0% EXTENDED - 360°

| | |
|----------------|-----|
| MAIN BOOM..... | 104 |
|----------------|-----|

WITH 3,000 lb COUNTERWEIGHT

ON OUTRIGGERS FULLY EXTENDED - 360°

| | |
|---|-----|
| MAIN BOOM..... | 105 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 106 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 107 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 108 |

ON OUTRIGGERS FULLY EXTENDED - OVER REAR

| | |
|---|-----|
| MAIN BOOM..... | 109 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 110 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 111 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 112 |

ON OUTRIGGERS 50% EXTENDED - 360°

| | |
|---|-----|
| MAIN BOOM..... | 113 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 114 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 115 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 116 |

ON OUTRIGGERS 0% EXTENDED - 360°

| | |
|----------------|-----|
| MAIN BOOM..... | 117 |
|----------------|-----|

WITH NO COUNTERWEIGHT

ON OUTRIGGERS FULLY EXTENDED - 360°

| | |
|---|-----|
| MAIN BOOM..... | 118 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 119 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 120 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 121 |

ON OUTRIGGERS FULLY EXTENDED - OVER REAR

| | |
|---|-----|
| MAIN BOOM..... | 122 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 123 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 124 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 125 |

ON OUTRIGGERS 50% EXTENDED - 360°

| | |
|---|-----|
| MAIN BOOM..... | 126 |
| 36' OFFSETABLE EXTENSION - 0° OFFSET | 127 |
| 36' OFFSETABLE EXTENSION - 15° OFFSET | 128 |
| 36' OFFSETABLE EXTENSION - 30° OFFSET | 129 |

ON OUTRIGGERS 0% EXTENDED - 360°

| | |
|----------------|-----|
| MAIN BOOM..... | 130 |
|----------------|-----|

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 and 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. With certain boom and hoist tackle combinations, maximum capacities may not be obtainable with standard cable lengths.
6. Unless approved by the crane manufacturer, do not travel with boom extension or jib erected unless otherwise noted. Refer to Operator's and Safety Handbook for job-site travel information.
7. Inspect vehicle and crane including crane operation prior to use each day.
8. Always level the crane with the level indicator located at each outrigger control station.

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 80% 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, and SAE J1289 - Mobile Crane Stability Ratings [$1.25P < (T-0.1A)$] on outriggers 50% and 0% extended (fully retracted) as determined by SAE J765 - Crane Stability Test Code.
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 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 permissible wind speed" referenced in the capacity charts is the "3-second wind gust speed" measured at the boom tip height. These permissible wind speeds are based on the "wind resistance area of load" equal to 0.0059 square feet per pound of load. For larger "wind resistance area of load" refer to Operator's Manual for allowable reduced wind speeds. The maximum permissible in-service wind speed is 30 mph. Only with main boom on fully extended outriggers, lifting the load is allowed at appropriately reduced capacity when the wind speed is greater than 30 mph and less than or equal to 45 mph. Refer to Capacity Reduction Factors on page 7. For machines not in-service, the main boom should be retracted and lowered with the swing brake set when wind speeds (3-second gust speed at boom tip height) exceed 45 mph.
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.
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.

NOTES FOR LIFTING CAPACITIES (continued)

OPERATION: (continued)

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 extension is extremely dangerous.
11. When handling personnel, the requirements of the applicable national, state, and local regulations and safety codes must be met.
12. The boom angle before loading should be greater than the loaded boom angle to account for deflection.
13. When operating the machine in the "On Outriggers 50% Extended" mode, the outrigger beam pins must be engaged. When operating in the "On Outriggers 0% Extended" 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.
14. Do not lift loads when boom is fully lowered. The Rated Capacity Limiter (RCL) senses pressure and will not provide warnings or lockout. The crane can become overloaded if lift cylinder(s) is fully retracted.
15. Use RCL/angle indicator as reference only.
16. Do not exceed extension capacities at any reduced boom length.
17. Capacities for the 36.8 ft. boom length shall be lifted with boom fully retracted. If boom is not fully retracted, capacities shall not exceed those shown for the 48 ft. boom length.
18. Always pay out load line before extending boom to avoid damaging loadline or crane structure or tripping anti-two-block system.
19. The maximum outrigger pad load is 76,000 lb (for a GVW of 26,000 lb - minimum chassis requirement).
20. Loads lifted must be within safe winch capacity. Multiple part rope reeving must be used on loads exceeding winch single part rated pull. Auxiliary boom head rated for single part use except multi-reeve group used for nominal rated load. Extensions are rated for single part use only.
21. Do not operate the boom over personnel or allow them to walk or stand beneath the boom or load.
22. Do not allow personnel on carrier deck or crane frame area when rotating crane.
23. Do not allow personnel to ride on hook, hook block, or load. Handling of personnel is only permitted with full extension of all outrigger beams. Use only National Crane approved baskets for boom attached platforms.
24. If using offset extension, do not use personnel basket with extension deployed at 15 or 30 degree offset.
25. Operate controls slowly and smoothly to avoid damage to crane or personnel.
26. Boom must be in carrying rack and outriggers fully retracted for travel.
27. Maintain a clearance of at least 10 feet between any part of the crane, loadline, or load, and any electrical line carrying up to 50,000 volts. One foot of clearance is required for every additional 30,000 volts or less.
28. When the 16,000 lb or 13,000 lb counterweight is installed and the crane is on fully retracted outriggers (7.8 ft or 2.38 m spread), do not exceed the "Max. Boom Angle for Indicated Length" shown on the load chart due to a risk of overturning backwards. The RCL system monitors this condition and restricts raising the boom to an angle higher than the "Max. Boom Angle for Indicated Length" published on the load chart for this configuration.

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.
6. No load stability limit: The stability limit radius is the radius beyond which it is not permitted to position the boom plus block configuration because machine can overturn without any load on the hook.
7. Structural length limit: An area where the boom, or the boom with jib deployed, cannot be extended because of structural limitations.

CAPACITY REDUCTION FACTORS FOR WIND SPEED, $V(z)$, GREATER THAN 30 mph

(Only for lifting with Main Boom on Fully Extended Outriggers, with or without Stowed Extension)

For wind speed (3-second gust speed at boom tip height), $V(z) > 30 \text{ mph} \leq 45 \text{ mph}$, the *Reduced Capacity* shall be calculated by multiplying the *Published Rated Capacity* by the following factors:

| $V(z) > 30 \text{ mph}$ $\leq 45 \text{ mph}$ | Main Boom Length in Feet | | | | | | | | | | |
|--|--------------------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-------|
| | 36.8 | 48 | 60 | 72 | 84 | 96 | 108 | 120 | 132 | 144 | 150.5 |
| Factor | 0.8 | 0.8 | 0.8 | 0.7 | 0.7 | 0.7 | 0.6 | 0 | 0 | 0 | 0 |

Wind Resistance Area of Load, ***Awr*** (*load*), shall not exceed Maximum Allowable Wind Resistance Area, ***Awr*** (*allow*).

Maximum Allowable Wind Resistance Area in ft^2 , ***Awr*** (*allow*) = $0.0059 \times \text{Calculated Reduced Capacity}$ in lb.

Wind Resistance Area of load, ***Awr*** (*load*) = Projected Wind Area (A_p) \times Wind Drag Coefficient (C_d) for the load.

For Wind Resistance Area of load, ***Awr*** (*load*) $>$ Maximum Allowable Wind Resistance Area, ***Awr*** (*allow*) refer to guidance in the Crane Operator's Manual.

WEIGHT REDUCTIONS FOR LOAD HANDLING DEVICES

| | |
|-------------------------------------|----------|
| Auxiliary boom nose (single sheave) | 79 lb |
| Auxiliary boom nose (double sheave) | 98 lb |
| HOOKBLOCKS and HEADACHE BALLS: | |
| 60 ton, 5 sheave | 1112 lb+ |
| 40 ton, 3 sheave | 585 lb+ |
| 20 ton, 1 sheave | 410 lb+ |
| 7 ton headache ball | 238 lb+ |

+ Refer to rating plate for actual weight.

When lifting over boom extension, deduct total weight of all load handling devices reeved over main boom nose directly from boom extension capacity.

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 National Crane furnished equipment.

LINE PULLS AND REEVING INFORMATION

| HOISTS | CABLE SPECS. | PERMISSIBLE LINE PULLS | NOMINAL CABLE LENGTH |
|------------|---|------------------------|----------------------|
| Main & Aux | 5/8" (16mm) 35x7 Class EEIPS, CS Min. breaking strength 56,420 lb | 11,280 lb* | 498 ft. |
| Main & Aux | 18 mm Synthetic K-100 Hoist Rope (ISO) Min. breaking strength 63,700 lb | 12,740 lb* | 498 ft. |

The approximate weight of 5/8" wire rope is 1.0 lb/ft.

The approximate weight of 18 mm synthetic rope is 0.16 lb/ft.

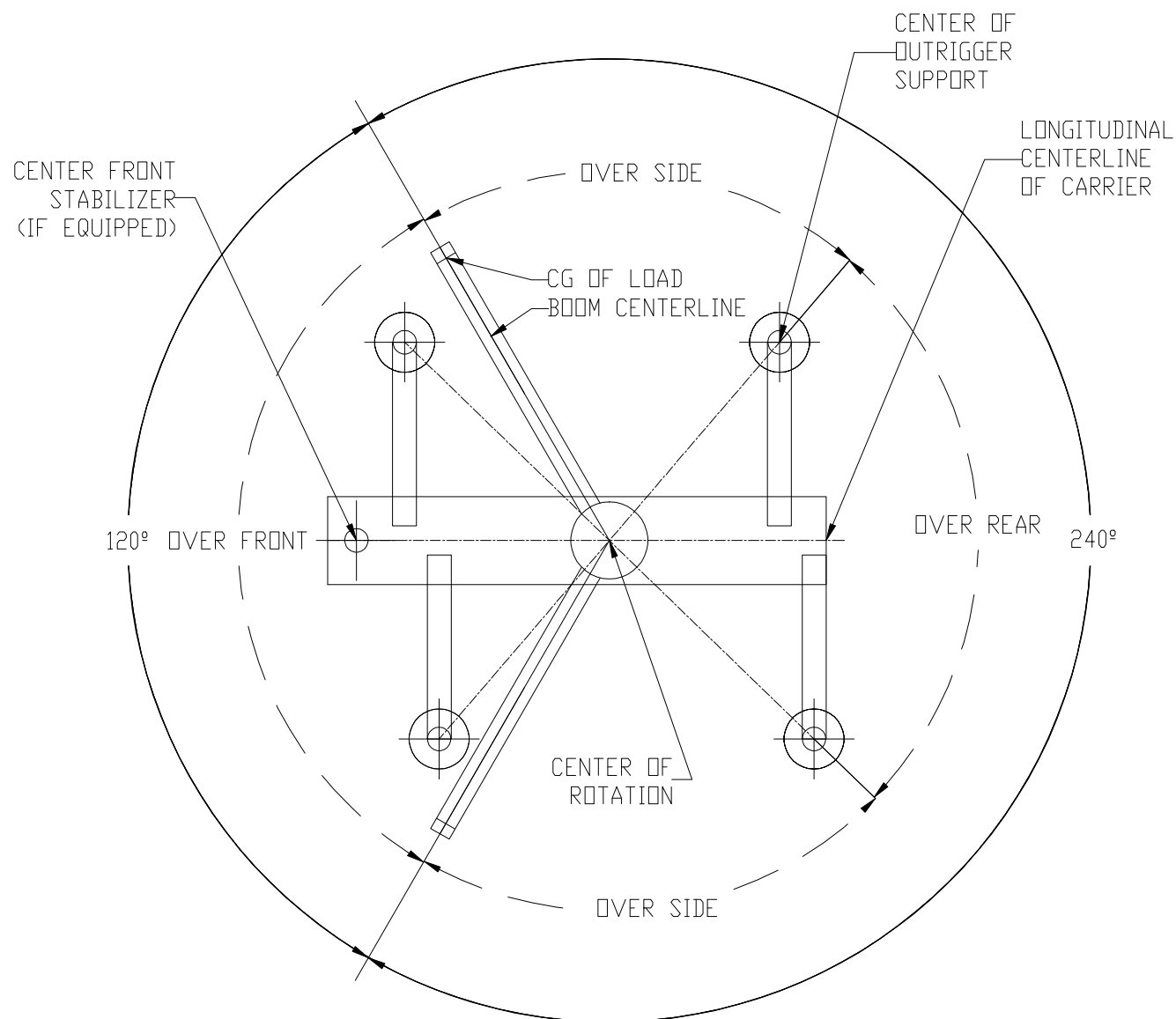
* With certain boom and hoist tackle combinations, the allowable line pull may be limited by hoist performance. Refer to Hoist Performance table for lift planning to ensure adequate hoist performance on drum rope layer required.

| Parts of line | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
|--|--------|--------|--------|--------|--------|--------|--------|--------|---------|---------|---------|
| Max. boom length (ft.) at max. elevation with stated rigging and load block at ground level | 196 | 144 | 108 | 84 | 72 | 60 | 48 | 36.8 | 36.8 | 36.8 | 36.8 |
| Low speed lift (lb) | 11,280 | 22,500 | 33,750 | 45,000 | 56,250 | 67,500 | 78,750 | 90,000 | 100,000 | 111,250 | 120,000 |
| High speed lift (lb) | 5,000 | 10,000 | 15,000 | 20,000 | 25,000 | 30,000 | 35,000 | 40,000 | 45,000 | 50,000 | 55,000 |

| Wire Rope Layer | Hoist Line Pulls | | Drum Rope Capacity (ft) | |
|--------------------|------------------|---------------|----------------------------|-------|
| | Two Speed Hoist | | | |
| | Low | High | | |
| | Available lb* | Available lb* | Layer | Total |
| 1 | 17,250 | 7,040 | 78 | 78 |
| 2 | 15,450 | 6,310 | 87 | 165 |
| 3 | 14,000 | 5,720 | 96 | 261 |
| 4 | 12,790 | 5,220 | 105 | 366 |
| 5 | 11,780 | 4,810 | 114 | 480 |

Synthetic rope
layer height may
vary and may
reduce available
line pull per layer.

* Refer to Line Pulls and Reeving Information table for maximum
lifting capacity of wire rope.



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

WORKING AREA DIAGRAM

Basket RCL Operating Codes

With 16,000 lb counterweight:

0051 Basket without stowed extension
0053 Basket with 26-45 ft. tele extension stowed
0055 Basket with 36 ft. fixed extension stowed
0063 Basket with 26' tele extension at 0° offset
0064 Basket with 26-45 ft. tele extension extended at 0° offset
0065 Basket with 36' fixed extension at 0° offset

With 13,000 lb counterweight:

1051 Basket without stowed extension
1053 Basket with 26-45 ft. tele extension stowed
1055 Basket with 36 ft. fixed extension stowed
1063 Basket with 26' tele extension at 0° offset
1064 Basket with 26-45 ft. tele extension extended at 0° offset
1065 Basket with 36' fixed extension at 0° offset

With 11,000 counterweight:

2051 Basket without stowed extension
2053 Basket with 26-45 ft. tele extension stowed
2055 Basket with 36 ft. fixed extension stowed
2063 Basket with 26' tele extension at 0° offset
2064 Basket with 26-45 ft. tele extension extended at 0° offset
2065 Basket with 36' fixed extension at 0° offset

With 10,000 lb counterweight:

3051 Basket without stowed extension
3053 Basket with 26-45 ft. tele extension stowed
3055 Basket with 36 ft. fixed extension stowed
3063 Basket with 26' tele extension at 0° offset
3064 Basket with 26-45 ft. tele extension extended at 0° offset
3065 Basket with 36' fixed extension at 0° offset

With 8,000 lb counterweight:

4051 Basket without stowed extension
4053 Basket with 26-45 ft. tele extension stowed
4055 Basket with 36 ft. fixed extension stowed
4063 Basket with 26' tele extension at 0° offset
4064 Basket with 26-45 ft. tele extension extended at 0° offset
4065 Basket with 36' fixed extension at 0° offset

With 6,000 counterweight:

5051 Basket without stowed extension
5053 Basket with 26-45 ft. tele extension stowed
5055 Basket with 36 ft. fixed extension stowed
5063 Basket with 26' tele extension at 0° offset
5064 Basket with 26-45 ft. tele extension extended at 0° offset
5065 Basket with 36' fixed extension at 0° offset

With 5,000 lb counterweight:

6051 Basket without stowed extension
6053 Basket with 26-45 ft. tele extension stowed
6055 Basket with 36 ft. fixed extension stowed
6063 Basket with 26' tele extension at 0° offset
6064 Basket with 26-45 ft. tele extension extended at 0° offset
6065 Basket with 36' fixed extension at 0° offset

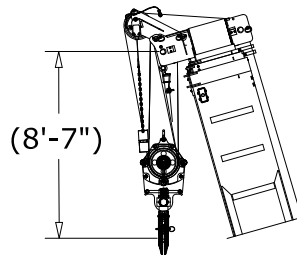
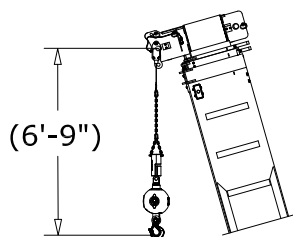
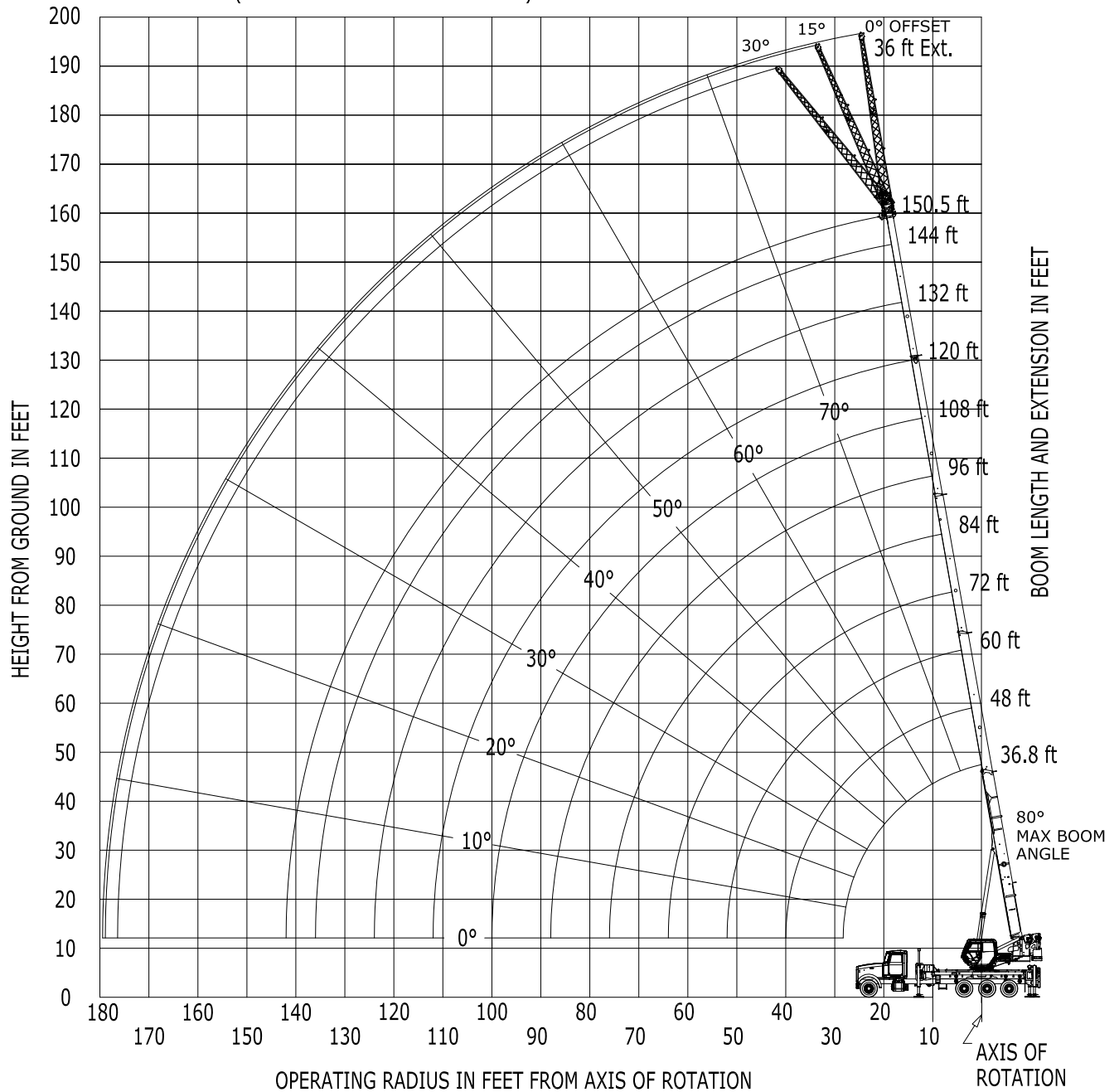
With 3,000 lb counterweight:

7051 Basket without stowed extension
7053 Basket with 26-45 ft. tele extension stowed
7055 Basket with 36 ft. fixed extension stowed
7063 Basket with 26' tele extension at 0° offset
7064 Basket with 26-45 ft. tele extension extended at 0° offset
7065 Basket with 36' fixed extension at 0° offset

Without counterweight:

8051 Basket without stowed extension
8053 Basket with 26-45 ft. tele extension stowed
8055 Basket with 36 ft. fixed extension stowed
8063 Basket with 26' tele extension at 0° offset
8064 Basket with 26-45 ft. tele extension extended at 0° offset
8065 Basket with 36' fixed extension at 0° offset

GEOMETRIC RANGE DIAGRAM
(BOOM DEFLECTION NOT SHOWN) 80111719



DIMENSIONS ARE FOR
LARGEST FURNISHED
HOOK BLOCK & HEADACHE
BALL, WITH ANTI-TWO
BLOCK ACTIVATED.

* THIS DRAWING SHOWS THE PHYSICAL REACH OF THE MACHINE. ALWAYS REFER TO LOAD CHART TO SEE WHICH PORTIONS OF THIS DIAGRAM ARE VALID FOR THE SPECIFIC MACHINE CONFIGURATION AND WHERE THE LOADS ARE STRUCTURALLY OR STABILITY LIMITED.

RATED LIFTING CAPACITIES IN POUNDS

37 FT. - 151 FT. BOOM

WITH 16,000 LB. COUNTERWEIGHT

ON OUTRIGGERS FULLY EXTENDED - 360°

| Radius in Feet | #0001 or #0003 or #0005 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 120,000 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 102,000 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 89,500 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 79,250 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 67,300 (57.8) | 49,600 (67.8) | 49,600 (73.1) | 46,700 (76.5) | 39,700 (78.9) | | | | | | |
| 20 | 53,150 (46.4) | 49,600 (60.5) | 49,600 (68.3) | 42,050 (72.7) | 36,100 (75.7) | 30,250 (77.8) | 23,550 (79.7) | | | | |
| 25 | 37,450 (30) | 44,200 (52.4) | 44,750 (62.7) | 38,150 (68.7) | 32,950 (72.5) | 27,400 (75.1) | 21,150 (77.3) | 18,600 (79) | | | |
| 30 | | 37,000 (43.1) | 37,600 (56.6) | 34,950 (64.3) | 30,250 (69.1) | 24,700 (72.3) | 19,100 (74.9) | 16,950 (76.8) | 14,500 (78.4) | 11,300 (79.7) | |
| 35 | | 27,400 (29.8) | 30,600 (49.8) | 31,100 (59.3) | 27,950 (65.5) | 22,350 (69.4) | 17,250 (72.4) | 15,450 (74.6) | 13,900 (76.5) | 11,300 (78) | 10,050 (78.8) |
| 40 | | | 25,400 (42.1) | 25,850 (53.9) | 25,950 (61.2) | 20,300 (66.4) | 15,700 (69.8) | 14,150 (72.4) | 12,800 (74.5) | 11,300 (76.2) | 10,050 (77.1) |
| 45 | | | 21,350 (31.5) | 21,800 (48.1) | 22,100 (56.8) | 18,600 (62.8) | 14,350 (67.1) | 12,950 (70.1) | 11,750 (72.5) | 10,700 (74.4) | 10,050 (75.4) |
| 50 | | | 13,100 (15.9) | 18,650 (41.6) | 18,950 (52.1) | 17,100 (59) | 13,200 (64) | 11,900 (67.8) | 10,850 (70.4) | 9,930 (72.6) | 9,470 (73.6) |
| 55 | | | | 15,950 (32.7) | 16,100 (47) | 15,800 (55) | 12,150 (60.7) | 11,000 (65) | 10,000 (68.3) | 9,200 (70.7) | 8,780 (71.8) |
| 60 | | | | 12,000 (21) | 13,700 (41.3) | 13,850 (50.7) | 11,250 (57.2) | 10,150 (62.1) | 9,300 (65.9) | 8,540 (68.8) | 8,160 (70) |
| 65 | | | | | 11,800 (33.6) | 11,900 (46.2) | 10,450 (53.6) | 9,460 (59.1) | 8,640 (63.3) | 7,940 (66.7) | 7,590 (68.1) |
| 70 | | | | | 10,250 (24.1) | 10,400 (41.2) | 9,760 (49.7) | 8,800 (55.9) | 8,030 (60.6) | 7,380 (64.3) | 7,070 (66) |
| 75 | | | | | 5,400 (8.3) | 9,060 (34.3) | 9,120 (45.6) | 8,210 (52.6) | 7,460 (57.7) | 6,840 (61.8) | 6,550 (63.7) |
| 80 | | | | | | 7,920 (26.3) | 7,980 (41.1) | 7,580 (49.1) | 6,840 (54.8) | 6,260 (59.3) | 5,980 (61.3) |
| 85 | | | | | | 5,950 (15.3) | 6,990 (35) | 6,990 (45.3) | 6,290 (51.7) | 5,720 (56.7) | 5,460 (58.8) |
| 90 | | | | | | | 6,140 (27.9) | 6,190 (41.2) | 5,780 (48.5) | 5,240 (53.9) | 4,990 (56.3) |
| 95 | | | | | | | 5,390 (19) | 5,430 (35.6) | 5,310 (45) | 4,790 (51.1) | 4,550 (53.7) |
| 100 | | | | | | | | 4,760 (29.3) | 4,800 (41.2) | 4,380 (48) | 4,150 (50.9) |
| 105 | | | | | | | | 4,170 (21.7) | 4,200 (36.1) | 4,000 (44.8) | 3,730 (48) |
| 110 | | | | | | | | 2,440 (10.7) | 3,660 (30.3) | 3,640 (41.3) | 3,340 (45) |
| 115 | | | | | | | | | 3,190 (23.7) | 3,190 (36.5) | 2,980 (41.6) |
| 120 | | | | | | | | | 2,590 (15.1) | 2,750 (31.3) | 2,650 (37) |
| 125 | | | | | | | | | | 2,360 (25.4) | 2,310 (32.1) |
| 130 | | | | | | | | | | 2,000 (18.1) | 1,950 (26.5) |
| 135 | | | | | | | | | | | 1,620 (19.9) |
| 140 | | | | | | | | | | | 720 (10.5) |
| Min. boom angle for indicated length (no load) | | | | | | | | 9.5° | 9.5° | 9.5° | 9.5° |
| Max. boom length at 0° boom angle (no load) | | | | | | | | 107.6 ft. | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|------------|--------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 14,400 (28.3) | 10,000 (39.5) | 6,570 (51.5) | 4,360 (63.5) | 2,820 (75.5) | 1,690 (87.5) | 820 | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 2,650 | 2,550 | 2,550 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 3,400 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131195

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 16,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #0015 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 7,720 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 7,720 (75.2) | 6,370 (76.6) | 5,200 (77.8) | 4,420 (78.5) |
| 50 | 7,670 (73.5) | 6,370 (75.1) | 5,200 (76.4) | 4,420 (77.1) |
| 55 | 7,260 (71.8) | 6,370 (73.6) | 5,200 (75) | 4,420 (75.8) |
| 60 | 6,880 (70.1) | 6,370 (72) | 5,200 (73.6) | 4,420 (74.4) |
| 65 | 6,520 (68.4) | 6,260 (70.5) | 5,200 (72.2) | 4,420 (73.1) |
| 70 | 6,180 (66.6) | 5,960 (68.8) | 5,200 (70.7) | 4,420 (71.7) |
| 75 | 5,870 (64.4) | 5,690 (67.2) | 5,200 (69.2) | 4,420 (70.3) |
| 80 | 5,580 (62.1) | 5,400 (65.2) | 4,990 (67.7) | 4,420 (68.8) |
| 85 | 5,310 (59.8) | 5,060 (63.2) | 4,680 (65.9) | 4,420 (67.3) |
| 90 | 5,070 (57.4) | 4,750 (61) | 4,380 (64) | 4,200 (65.5) |
| 95 | 4,830 (54.9) | 4,450 (58.8) | 4,100 (62.1) | 3,930 (63.7) |
| 100 | 4,540 (52.4) | 4,170 (56.6) | 3,840 (60) | 3,670 (61.8) |
| 105 | 4,270 (49.7) | 3,920 (54.3) | 3,600 (58) | 3,430 (59.8) |
| 110 | 4,020 (46.9) | 3,680 (51.9) | 3,370 (55.9) | 3,070 (57.8) |
| 115 | 3,790 (44) | 3,450 (49.4) | 3,150 (53.7) | 2,730 (55.7) |
| 120 | 3,480 (40.8) | 3,240 (46.7) | 2,900 (51.4) | 2,420 (53.6) |
| 125 | 3,080 (36.3) | 2,950 (44) | 2,640 (49.1) | 2,130 (51.4) |
| 130 | 2,710 (31.5) | 2,580 (40.9) | 2,400 (46.6) | 1,870 (49.2) |
| 135 | 2,390 (26.2) | 2,250 (36.8) | 2,130 (44) | 1,630 (46.8) |
| 140 | 2,090 (20) | 1,940 (32.3) | 1,820 (41.2) | 1,400 (44.3) |
| 145 | 1,320 (11.7) | 1,660 (27.4) | 1,540 (37.2) | 1,190 (41.6) |
| 150 | | 1,410 (21.8) | 1,270 (33) | 990 (37.8) |
| 155 | | 1,180 (14.9) | 1,030 (28.5) | 810 (33.7) |
| 160 | | | 810 (23.4) | 640 (29.3) |
| 165 | | | 610 (17.3) | |
| Min. boom angle for indicated length (no load) | 10.7° | 13.9° | 16.3° | 28.3° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131235_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
2. For boom angles not shown, use the rating of the next lower boom angle.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
4. Capacities listed are with outriggers properly extended and vertical jacks set only.

WARNING: Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 16,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #0020 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,730 (77.8) | | | |
| 50 | 6,540 (76.2) | 6,400 (77.6) | | |
| 55 | 6,360 (74.5) | 6,150 (76.1) | 5,590 (77.4) | 4,940 (78) |
| 60 | 6,100 (72.8) | 5,880 (74.5) | 5,590 (75.9) | 4,940 (76.7) |
| 65 | 5,810 (71) | 5,620 (72.9) | 5,370 (74.5) | 4,940 (75.3) |
| 70 | 5,550 (69.2) | 5,380 (71.3) | 5,160 (73) | 4,940 (73.9) |
| 75 | 5,300 (67.4) | 5,150 (69.6) | 4,960 (71.6) | 4,840 (72.5) |
| 80 | 5,070 (65.3) | 4,930 (68) | 4,760 (70) | 4,660 (71.1) |
| 85 | 4,860 (63) | 4,730 (66.1) | 4,580 (68.5) | 4,480 (69.6) |
| 90 | 4,660 (60.6) | 4,550 (64) | 4,400 (66.9) | 4,250 (68.1) |
| 95 | 4,480 (58.1) | 4,370 (61.8) | 4,150 (64.9) | 3,980 (66.4) |
| 100 | 4,310 (55.6) | 4,200 (59.5) | 3,890 (62.9) | 3,730 (64.5) |
| 105 | 4,150 (52.9) | 3,950 (57.2) | 3,650 (60.8) | 3,500 (62.5) |
| 110 | 4,010 (50.1) | 3,710 (54.8) | 3,420 (58.7) | 3,270 (60.5) |
| 115 | 3,810 (47.1) | 3,490 (52.3) | 3,200 (56.5) | 2,940 (58.4) |
| 120 | 3,600 (43.9) | 3,280 (49.7) | 3,000 (54.2) | 2,610 (56.3) |
| 125 | 3,280 (40.3) | 3,080 (46.9) | 2,810 (51.8) | 2,320 (54.1) |
| 130 | 2,890 (35.2) | 2,800 (43.9) | 2,560 (49.3) | 2,040 (51.8) |
| 135 | 2,520 (29.6) | 2,440 (40.5) | 2,320 (46.7) | 1,780 (49.4) |
| 140 | 2,190 (23) | 2,110 (35.8) | 2,020 (43.9) | 1,550 (46.9) |
| 145 | | 1,800 (30.6) | 1,720 (40.7) | 1,320 (44.2) |
| 150 | | 1,510 (24.7) | 1,430 (36.3) | 1,110 (41.1) |
| 155 | | 1,250 (17.3) | 1,160 (31.5) | 910 (36.9) |
| 160 | | | 920 (26.1) | 730 (32.3) |
| 165 | | | 690 (19.7) | 550 (27.2) |
| Min. boom angle for indicated length (no load) | 16.3° | 16.3° | 18.7° | 26.2° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131235_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 16,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #0025 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,530 (76.9) | 5,440 (78.2) | | |
| 60 | 5,420 (75.1) | 5,350 (76.6) | 5,190 (78) | |
| 65 | 5,320 (73.3) | 5,190 (75) | 5,000 (76.5) | 4,870 (77.2) |
| 70 | 5,140 (71.5) | 4,990 (73.4) | 4,810 (75) | 4,700 (75.8) |
| 75 | 4,940 (69.6) | 4,800 (71.7) | 4,640 (73.5) | 4,540 (74.3) |
| 80 | 4,760 (67.7) | 4,630 (70) | 4,470 (72) | 4,380 (72.9) |
| 85 | 4,580 (65.5) | 4,460 (68.2) | 4,320 (70.4) | 4,230 (71.4) |
| 90 | 4,420 (63.1) | 4,310 (66.4) | 4,170 (68.8) | 4,090 (69.9) |
| 95 | 4,270 (60.6) | 4,160 (64.1) | 4,030 (67.1) | 3,960 (68.3) |
| 100 | 4,130 (57.9) | 4,020 (61.8) | 3,900 (65) | 3,820 (66.6) |
| 105 | 4,010 (55.2) | 3,900 (59.4) | 3,730 (62.9) | 3,580 (64.6) |
| 110 | 3,890 (52.2) | 3,780 (56.9) | 3,500 (60.7) | 3,360 (62.5) |
| 115 | 3,780 (49.2) | 3,550 (54.3) | 3,280 (58.5) | 3,100 (60.4) |
| 120 | 3,650 (45.8) | 3,340 (51.6) | 3,070 (56.1) | 2,760 (58.2) |
| 125 | 3,420 (42.2) | 3,140 (48.7) | 2,880 (53.7) | 2,450 (56) |
| 130 | 2,990 (37) | 2,950 (45.6) | 2,690 (51.1) | 2,170 (53.6) |
| 135 | | 2,560 (42.3) | 2,440 (48.4) | 1,900 (51.1) |
| 140 | | 2,200 (37.4) | 2,160 (45.5) | 1,640 (48.5) |
| 145 | | | 1,830 (42.4) | 1,410 (45.7) |
| 150 | | | 1,520 (37.8) | 1,180 (42.7) |
| 155 | | | | 970 (38.4) |
| Min. boom angle for indicated length (no load) | 36° | 36.4° | 36.8° | 37.4° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions. 80131235_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITH 16,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR

| Radius in Feet | #0026 or #0028 or #0030 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 120,000 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 107,000 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 96,450 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 86,550 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 74,700 (57.8) | 49,600 (67.8) | 49,600 (73.1) | 46,700 (76.5) | 39,700 (78.9) | | | | | | |
| 20 | 60,300 (46.4) | 49,600 (60.5) | 49,600 (68.3) | 42,050 (72.7) | 36,100 (75.7) | 30,250 (77.8) | 23,550 (79.7) | | | | |
| 25 | 37,450 (30) | 49,600 (52.4) | 45,850 (62.7) | 38,150 (68.7) | 32,950 (72.5) | 27,400 (75.1) | 21,150 (77.3) | 18,600 (79) | | | |
| 30 | | 39,550 (43.1) | 40,100 (56.6) | 34,950 (64.3) | 30,250 (69.1) | 24,700 (72.3) | 19,100 (74.9) | 16,950 (76.8) | 14,500 (78.4) | 11,300 (79.7) | |
| 35 | | 27,400 (29.8) | 33,000 (49.8) | 32,250 (59.3) | 27,950 (65.5) | 22,350 (69.4) | 17,250 (72.4) | 15,450 (74.6) | 13,900 (76.5) | 11,300 (78) | 10,050 (78.8) |
| 40 | | | 27,700 (42.1) | 28,000 (53.9) | 25,950 (61.2) | 20,300 (66.4) | 15,700 (69.8) | 14,150 (72.4) | 12,800 (74.5) | 11,300 (76.2) | 10,050 (77.1) |
| 45 | | | 22,300 (31.5) | 23,900 (48.1) | 24,100 (56.8) | 18,600 (62.8) | 14,350 (67.1) | 12,950 (70.1) | 11,750 (72.5) | 10,700 (74.4) | 10,050 (75.4) |
| 50 | | | 13,100 (15.9) | 20,650 (41.6) | 20,850 (52.1) | 17,100 (59) | 13,200 (64) | 11,900 (67.8) | 10,850 (70.4) | 9,930 (72.6) | 9,470 (73.6) |
| 55 | | | | 17,900 (32.7) | 18,000 (47) | 15,800 (55) | 12,150 (60.7) | 11,000 (65) | 10,000 (68.3) | 9,200 (70.7) | 8,780 (71.8) |
| 60 | | | | 12,000 (21) | 15,550 (41.3) | 14,650 (50.7) | 11,250 (57.2) | 10,150 (62.1) | 9,300 (65.9) | 8,540 (68.8) | 8,160 (70) |
| 65 | | | | | 13,500 (33.6) | 13,600 (46.2) | 10,450 (53.6) | 9,460 (59.1) | 8,640 (63.3) | 7,940 (66.7) | 7,590 (68.1) |
| 70 | | | | | 11,150 (24.1) | 11,900 (41.2) | 9,760 (49.7) | 8,800 (55.9) | 8,030 (60.6) | 7,380 (64.3) | 7,070 (66) |
| 75 | | | | | 5,400 (8.3) | 10,550 (34.3) | 9,120 (45.6) | 8,210 (52.6) | 7,460 (57.7) | 6,840 (61.8) | 6,550 (63.7) |
| 80 | | | | | | 9,350 (26.3) | 8,530 (41.1) | 7,580 (49.1) | 6,840 (54.8) | 6,260 (59.3) | 5,980 (61.3) |
| 85 | | | | | | 5,950 (15.3) | 7,900 (35) | 6,990 (45.3) | 6,290 (51.7) | 5,720 (56.7) | 5,460 (58.8) |
| 90 | | | | | | | 7,340 (27.9) | 6,450 (41.2) | 5,780 (48.5) | 5,240 (53.9) | 4,990 (56.3) |
| 95 | | | | | | | 5,620 (19) | 5,960 (35.6) | 5,310 (45) | 4,790 (51.1) | 4,550 (53.7) |
| 100 | | | | | | | | 5,520 (29.3) | 4,880 (41.2) | 4,380 (48) | 4,150 (50.9) |
| 105 | | | | | | | | 5,110 (21.7) | 4,490 (36.1) | 4,000 (44.8) | 3,730 (48) |
| 110 | | | | | | | | 2,440 (10.7) | 4,120 (30.3) | 3,640 (41.3) | 3,340 (45) |
| 115 | | | | | | | | | 3,780 (23.7) | 3,320 (36.5) | 2,980 (41.6) |
| 120 | | | | | | | | | 2,590 (15.1) | 3,010 (31.3) | 2,650 (37) |
| 125 | | | | | | | | | | 2,730 (25.4) | 2,350 (32.1) |
| 130 | | | | | | | | | | 2,460 (18.1) | 2,070 (26.5) |
| 135 | | | | | | | | | | | 1,800 (19.9) |
| 140 | | | | | | | | | | | 720 (10.5) |
| Min. boom angle for indicated length (no load) | | | | | | | | 9.5° | 9.5° | 9.5° | 9.5° |
| Max. boom length at 0° boom angle (no load) | | | | | | | | 107.6 ft. | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|------------------|-----------------|-----------------|-----------------|-----------------|---------------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 14,400 (28.3) | 10,000 (39.5) | 6,570 (51.5) | 4,360 (63.5) | 2,820 (75.5) | 1,690 (87.5) | 820 (99.5) | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 2,650 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 2,850 | 2,550 | 2,550 | 2,550 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 3,850 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131196

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 16,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #0040 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 7,720 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 7,720 (75.2) | 6,370 (76.6) | 5,200 (77.8) | 4,420 (78.5) |
| 50 | 7,670 (73.5) | 6,370 (75.1) | 5,200 (76.4) | 4,420 (77.1) |
| 55 | 7,260 (71.8) | 6,370 (73.6) | 5,200 (75) | 4,420 (75.8) |
| 60 | 6,880 (70.1) | 6,370 (72) | 5,200 (73.6) | 4,420 (74.4) |
| 65 | 6,520 (68.4) | 6,260 (70.5) | 5,200 (72.2) | 4,420 (73.1) |
| 70 | 6,180 (66.6) | 5,960 (68.8) | 5,200 (70.7) | 4,420 (71.7) |
| 75 | 5,870 (64.4) | 5,690 (67.2) | 5,200 (69.2) | 4,420 (70.3) |
| 80 | 5,580 (62.1) | 5,400 (65.2) | 4,990 (67.7) | 4,420 (68.8) |
| 85 | 5,310 (59.8) | 5,060 (63.2) | 4,680 (65.9) | 4,420 (67.3) |
| 90 | 5,070 (57.4) | 4,750 (61) | 4,380 (64) | 4,200 (65.5) |
| 95 | 4,830 (54.9) | 4,450 (58.8) | 4,100 (62.1) | 3,930 (63.7) |
| 100 | 4,540 (52.4) | 4,170 (56.6) | 3,840 (60) | 3,670 (61.8) |
| 105 | 4,270 (49.7) | 3,920 (54.3) | 3,600 (58) | 3,430 (59.8) |
| 110 | 4,020 (46.9) | 3,680 (51.9) | 3,370 (55.9) | 3,070 (57.8) |
| 115 | 3,790 (44) | 3,450 (49.4) | 3,150 (53.7) | 2,730 (55.7) |
| 120 | 3,570 (40.8) | 3,240 (46.7) | 2,900 (51.4) | 2,420 (53.6) |
| 125 | 3,370 (36.3) | 3,030 (44) | 2,640 (49.1) | 2,130 (51.4) |
| 130 | 3,180 (31.5) | 2,780 (40.9) | 2,400 (46.6) | 1,870 (49.2) |
| 135 | 2,990 (26.2) | 2,550 (36.8) | 2,170 (44) | 1,630 (46.8) |
| 140 | 2,770 (20) | 2,330 (32.3) | 1,960 (41.2) | 1,400 (44.3) |
| 145 | 1,320 (11.7) | 2,120 (27.4) | 1,750 (37.2) | 1,190 (41.6) |
| 150 | | 1,920 (21.8) | 1,560 (33) | 990 (37.8) |
| 155 | | 1,240 (14.9) | 1,380 (28.5) | 810 (33.7) |
| 160 | | | 1,200 (23.4) | 640 (29.3) |
| 165 | | | 1,040 (17.3) | |
| Min. boom angle for indicated length (no load) | 10.7° | 13.9° | 16.3° | 28.3° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131236_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 16,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #0045 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,730 (77.8) | | | |
| 50 | 6,540 (76.2) | 6,400 (77.6) | | |
| 55 | 6,360 (74.5) | 6,150 (76.1) | 5,590 (77.4) | 4,940 (78) |
| 60 | 6,100 (72.8) | 5,880 (74.5) | 5,590 (75.9) | 4,940 (76.7) |
| 65 | 5,810 (71) | 5,620 (72.9) | 5,370 (74.5) | 4,940 (75.3) |
| 70 | 5,550 (69.2) | 5,380 (71.3) | 5,160 (73) | 4,940 (73.9) |
| 75 | 5,300 (67.4) | 5,150 (69.6) | 4,960 (71.6) | 4,840 (72.5) |
| 80 | 5,070 (65.3) | 4,930 (68) | 4,760 (70) | 4,660 (71.1) |
| 85 | 4,860 (63) | 4,730 (66.1) | 4,580 (68.5) | 4,480 (69.6) |
| 90 | 4,660 (60.6) | 4,550 (64) | 4,400 (66.9) | 4,250 (68.1) |
| 95 | 4,480 (58.1) | 4,370 (61.8) | 4,150 (64.9) | 3,980 (66.4) |
| 100 | 4,310 (55.6) | 4,200 (59.5) | 3,890 (62.9) | 3,730 (64.5) |
| 105 | 4,150 (52.9) | 3,950 (57.2) | 3,650 (60.8) | 3,500 (62.5) |
| 110 | 4,010 (50.1) | 3,710 (54.8) | 3,420 (58.7) | 3,270 (60.5) |
| 115 | 3,810 (47.1) | 3,490 (52.3) | 3,200 (56.5) | 2,940 (58.4) |
| 120 | 3,600 (43.9) | 3,280 (49.7) | 3,000 (54.2) | 2,610 (56.3) |
| 125 | 3,400 (40.3) | 3,080 (46.9) | 2,810 (51.8) | 2,320 (54.1) |
| 130 | 3,210 (35.2) | 2,900 (43.9) | 2,560 (49.3) | 2,040 (51.8) |
| 135 | 3,030 (29.6) | 2,660 (40.5) | 2,320 (46.7) | 1,780 (49.4) |
| 140 | 2,840 (23) | 2,430 (35.8) | 2,090 (43.9) | 1,550 (46.9) |
| 145 | | 2,210 (30.6) | 1,870 (40.7) | 1,320 (44.2) |
| 150 | | 1,990 (24.7) | 1,660 (36.3) | 1,110 (41.1) |
| 155 | | 1,670 (17.3) | 1,460 (31.5) | 910 (36.9) |
| 160 | | | 1,280 (26.1) | 730 (32.3) |
| 165 | | | 1,090 (19.7) | 550 (27.2) |
| Min. boom angle for indicated length (no load) | 16.3° | 16.3° | 18.7° | 26.2° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131236_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 16,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #0050 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,530 (76.9) | 5,440 (78.2) | | |
| 60 | 5,420 (75.1) | 5,350 (76.6) | 5,190 (78) | |
| 65 | 5,320 (73.3) | 5,190 (75) | 5,000 (76.5) | 4,870 (77.2) |
| 70 | 5,140 (71.5) | 4,990 (73.4) | 4,810 (75) | 4,700 (75.8) |
| 75 | 4,940 (69.6) | 4,800 (71.7) | 4,640 (73.5) | 4,540 (74.3) |
| 80 | 4,760 (67.7) | 4,630 (70) | 4,470 (72) | 4,380 (72.9) |
| 85 | 4,580 (65.5) | 4,460 (68.2) | 4,320 (70.4) | 4,230 (71.4) |
| 90 | 4,420 (63.1) | 4,310 (66.4) | 4,170 (68.8) | 4,090 (69.9) |
| 95 | 4,270 (60.6) | 4,160 (64.1) | 4,030 (67.1) | 3,960 (68.3) |
| 100 | 4,130 (57.9) | 4,020 (61.8) | 3,900 (65) | 3,820 (66.6) |
| 105 | 4,010 (55.2) | 3,900 (59.4) | 3,730 (62.9) | 3,580 (64.6) |
| 110 | 3,890 (52.2) | 3,780 (56.9) | 3,500 (60.7) | 3,360 (62.5) |
| 115 | 3,780 (49.2) | 3,550 (54.3) | 3,280 (58.5) | 3,100 (60.4) |
| 120 | 3,650 (45.8) | 3,340 (51.6) | 3,070 (56.1) | 2,760 (58.2) |
| 125 | 3,440 (42.2) | 3,140 (48.7) | 2,880 (53.7) | 2,450 (56) |
| 130 | 3,250 (37) | 2,950 (45.6) | 2,690 (51.1) | 2,170 (53.6) |
| 135 | | 2,760 (42.3) | 2,440 (48.4) | 1,900 (51.1) |
| 140 | | 2,510 (37.4) | 2,190 (45.5) | 1,640 (48.5) |
| 145 | | | 1,960 (42.4) | 1,410 (45.7) |
| 150 | | | 1,730 (37.8) | 1,180 (42.7) |
| 155 | | | | 970 (38.4) |
| Min. boom angle for indicated length (no load) | 36° | 36.4° | 36.8° | 37.4° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions. 80131236_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITH 16,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

| Radius in Feet | #0401 or #0403 or #0405 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 120,000 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 107,000 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 96,850 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 86,100 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 72,950 (57.8) | 49,600 (67.8) | 49,600 (73.1) | 46,700 (76.5) | 39,700 (78.9) | | | | | | |
| 20 | 47,750 (46.4) | 47,550 (60.5) | 45,650 (68.3) | 42,050 (72.7) | 36,100 (75.7) | 30,250 (77.8) | 23,550 (79.7) | | | | |
| 25 | 31,250 (30) | 32,300 (52.4) | 32,800 (62.7) | 31,800 (68.7) | 30,800 (72.5) | 27,400 (75.1) | 21,150 (77.3) | 18,600 (79) | | | |
| 30 | | 23,250 (43.1) | 23,750 (56.6) | 24,100 (64.3) | 23,700 (69.1) | 23,100 (72.3) | 19,100 (74.9) | 16,950 (76.8) | 14,500 (78.4) | 11,300 (79.7) | |
| 35 | | 17,450 (29.8) | 18,100 (49.8) | 18,400 (59.3) | 18,550 (65.5) | 18,450 (69.4) | 17,250 (72.4) | 15,450 (74.6) | 13,900 (76.5) | 11,300 (78) | 10,050 (78.8) |
| 40 | | | 14,100 (42.1) | 14,400 (53.9) | 14,550 (61.2) | 14,700 (66.4) | 14,700 (69.8) | 14,150 (72.4) | 12,800 (74.5) | 11,300 (76.2) | 10,050 (77.1) |
| 45 | | | 11,200 (31.5) | 11,500 (48.1) | 11,650 (56.8) | 11,800 (62.8) | 11,850 (67.1) | 11,900 (70.1) | 11,700 (72.5) | 10,700 (74.4) | 10,050 (75.4) |
| 50 | | | 8,940 (15.9) | 9,350 (41.6) | 9,540 (52.1) | 9,670 (59) | 9,750 (64) | 9,820 (67.8) | 9,810 (70.4) | 9,610 (72.6) | 9,450 (73.6) |
| 55 | | | | 7,560 (32.7) | 7,790 (47) | 7,920 (55) | 8,000 (60.7) | 8,060 (65) | 8,110 (68.3) | 8,080 (70.7) | 7,940 (71.8) |
| 60 | | | | 6,110 (21) | 6,350 (41.3) | 6,500 (50.7) | 6,580 (57.2) | 6,640 (62.1) | 6,690 (65.9) | 6,710 (68.8) | 6,670 (70) |
| 65 | | | | | 5,160 (33.6) | 5,340 (46.2) | 5,410 (53.6) | 5,470 (59.1) | 5,520 (63.3) | 5,540 (66.7) | 5,500 (68.1) |
| 70 | | | | | 4,160 (24.1) | 4,340 (41.2) | 4,430 (49.7) | 4,490 (55.9) | 4,540 (60.6) | 4,560 (64.3) | 4,510 (66) |
| 75 | | | | | 3,320 (8.3) | 3,480 (34.3) | 3,600 (45.6) | 3,660 (52.6) | 3,700 (57.7) | 3,720 (61.8) | 3,680 (63.7) |
| 80 | | | | | | 2,750 (26.3) | 2,860 (41.1) | 2,940 (49.1) | 2,980 (54.8) | 3,000 (59.3) | 2,960 (61.3) |
| 85 | | | | | | 2,120 (15.3) | 2,220 (35) | 2,310 (45.3) | 2,360 (51.7) | 2,380 (56.7) | 2,330 (58.8) |
| 90 | | | | | | | 1,660 (27.9) | 1,750 (41.2) | 1,810 (48.5) | 1,830 (53.9) | 1,790 (56.3) |
| 95 | | | | | | | 1,170 (19) | 1,250 (35.6) | 1,320 (45) | 1,340 (51.1) | 1,300 (53.7) |
| 100 | | | | | | | | 810 (29.3) | 880 (41.2) | 910 (48) | 870 (50.9) |
| 105 | | | | | | | | | | 520 (44.8) | |
| Min. boom angle for indicated length (no load) | | | | | | | | 28.3° | 40.2° | 43.8° | 49.9° |
| Max. boom length at 0° boom angle (no load) | | | | | | | | 107.6 ft. | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|------------------|-----------------|-----------------|-----------------|-----------------|---------------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 14,400 (28.3) | 10,000 (39.5) | 6,570 (51.5) | 4,360 (63.5) | 2,820 (75.5) | 1,690 (87.5) | 790 (99.5) | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 4,300 | 2,800 | 2,650 | 2,500 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 3,900 | 2,800 | 2,650 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 6,000 | 3,950 | 3,700 | 3,550 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131198

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 16,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #0415 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 7,720 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 7,720 (75.2) | 6,370 (76.6) | 5,200 (77.8) | 4,420 (78.5) |
| 50 | 7,670 (73.5) | 6,370 (75.1) | 5,200 (76.4) | 4,420 (77.1) |
| 55 | 7,260 (71.8) | 6,370 (73.6) | 5,200 (75) | 4,420 (75.8) |
| 60 | 6,880 (70.1) | 6,370 (72) | 5,200 (73.6) | 4,420 (74.4) |
| 65 | 6,240 (68.4) | 6,120 (70.5) | 5,200 (72.2) | 4,420 (73.1) |
| 70 | 5,250 (66.6) | 5,130 (68.8) | 5,010 (70.7) | 4,420 (71.7) |
| 75 | 4,410 (64.4) | 4,290 (67.2) | 4,170 (69.2) | 4,070 (70.3) |
| 80 | 3,680 (62.1) | 3,570 (65.2) | 3,450 (67.7) | 3,350 (68.8) |
| 85 | 3,060 (59.8) | 2,940 (63.2) | 2,820 (65.9) | 2,730 (67.3) |
| 90 | 2,500 (57.4) | 2,390 (61) | 2,270 (64) | 2,180 (65.5) |
| 95 | 2,020 (54.9) | 1,900 (58.8) | 1,790 (62.1) | 1,690 (63.7) |
| 100 | 1,590 (52.4) | 1,470 (56.6) | 1,360 (60) | 1,260 (61.8) |
| 105 | 1,200 (49.7) | 1,080 (54.3) | 970 (58) | 870 (59.8) |
| 110 | 850 (46.9) | 740 (51.9) | 620 (55.9) | 530 (57.8) |
| 115 | 540 (44) | | | |
| Min. boom angle for indicated length (no load) | 43° | 50.9° | 54.9° | 56.8° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131238_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 16,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #0420 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,730 (77.8) | | | |
| 50 | 6,540 (76.2) | 6,400 (77.6) | | |
| 55 | 6,360 (74.5) | 6,150 (76.1) | 5,590 (77.4) | 4,940 (78) |
| 60 | 6,100 (72.8) | 5,880 (74.5) | 5,590 (75.9) | 4,940 (76.7) |
| 65 | 5,810 (71) | 5,620 (72.9) | 5,370 (74.5) | 4,940 (75.3) |
| 70 | 5,550 (69.2) | 5,380 (71.3) | 5,160 (73) | 4,940 (73.9) |
| 75 | 5,010 (67.4) | 4,920 (69.6) | 4,820 (71.6) | 4,740 (72.5) |
| 80 | 4,230 (65.3) | 4,140 (68) | 4,050 (70) | 3,960 (71.1) |
| 85 | 3,550 (63) | 3,460 (66.1) | 3,370 (68.5) | 3,290 (69.6) |
| 90 | 2,950 (60.6) | 2,860 (64) | 2,780 (66.9) | 2,690 (68.1) |
| 95 | 2,430 (58.1) | 2,340 (61.8) | 2,250 (64.9) | 2,170 (66.4) |
| 100 | 1,960 (55.6) | 1,870 (59.5) | 1,780 (62.9) | 1,700 (64.5) |
| 105 | 1,530 (52.9) | 1,450 (57.2) | 1,360 (60.8) | 1,280 (62.5) |
| 110 | 1,150 (50.1) | 1,070 (54.8) | 980 (58.7) | 900 (60.5) |
| 115 | 810 (47.1) | 720 (52.3) | 640 (56.5) | 560 (58.4) |
| Min. boom angle for indicated length (no load) | 46.1° | 51.3° | 55.5° | 57.4° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131238_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 16,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #0425 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,530 (76.9) | 5,440 (78.2) | | |
| 60 | 5,420 (75.1) | 5,350 (76.6) | 5,190 (78) | |
| 65 | 5,320 (73.3) | 5,190 (75) | 5,000 (76.5) | 4,870 (77.2) |
| 70 | 5,140 (71.5) | 4,990 (73.4) | 4,810 (75) | 4,700 (75.8) |
| 75 | 4,940 (69.6) | 4,800 (71.7) | 4,640 (73.5) | 4,540 (74.3) |
| 80 | 4,700 (67.7) | 4,630 (70) | 4,470 (72) | 4,380 (72.9) |
| 85 | 3,970 (65.5) | 3,910 (68.2) | 3,840 (70.4) | 3,770 (71.4) |
| 90 | 3,330 (63.1) | 3,270 (66.4) | 3,200 (68.8) | 3,130 (69.9) |
| 95 | 2,760 (60.6) | 2,700 (64.1) | 2,640 (67.1) | 2,570 (68.3) |
| 100 | 2,250 (57.9) | 2,200 (61.8) | 2,130 (65) | 2,070 (66.6) |
| 105 | 1,800 (55.2) | 1,740 (59.4) | 1,680 (62.9) | 1,610 (64.6) |
| 110 | 1,380 (52.2) | 1,330 (56.9) | 1,270 (60.7) | 1,200 (62.5) |
| 115 | 1,000 (49.2) | 960 (54.3) | 900 (58.5) | 830 (60.4) |
| 120 | 660 (45.8) | 610 (51.6) | 560 (56.1) | |
| Min. boom angle for indicated length (no load) | 44.8° | 50.6° | 55.1° | 59.4° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131238_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITH 16,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 0° EXTENDED - 360°

| Radius in Feet | #0801 or #0803 or #0805 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 8 | 73,850 (70.9) | | | | | | | | | | |
| 10 | 54,550 (67.6) | 49,600 (73.9) | 47,850 (77.7) | 44,850 | | | | | | | |
| 12 | 42,550 (63.8) | 40,500 (71.5) | 38,400 (75.9) | 36,400 (78.7) | 34,450 | | | | | | |
| 15 | 31,100 (57.8) | 30,150 (67.8) | 29,000 (73.1) | 27,800 (76.5) | 26,600 (78.9) | 25,450 | | | | | |
| 20 | 19,450 (46.4) | 20,100 (60.5) | 19,650 (68.3) | 19,100 (72.7) | 18,450 (75.7) | 17,850 (77.8) | 17,200 (79.7) | | | | |
| 25 | 12,650 (30) | 13,700 (52.4) | 14,100 (62.7) | 13,800 (68.7) | 13,450 (72.5) | 13,100 (75.1) | 12,700 (77.3) | 12,300 (79) | 11,950 | | |
| 30 | | 9,530 (43.1) | 10,200 (56.6) | 10,250 (64.3) | 10,050 (69.1) | 9,850 (72.3) | 9,590 (74.9) | 9,340 (76.8) | 9,090 (78.4) | 8,810 (79.7) | 8,610 |
| 35 | | 6,640 (29.8) | 7,290 (49.8) | 7,690 (59.3) | 7,610 (65.5) | 7,480 (69.4) | 7,300 (72.4) | 7,130 (74.6) | 6,950 (76.5) | 6,750 (78) | 6,590 (78.8) |
| 40 | | | 5,180 (42.1) | 5,580 (53.9) | 5,750 (61.2) | 5,680 (66.4) | 5,560 (69.8) | 5,440 (72.4) | 5,310 (74.5) | 5,160 (76.2) | 5,020 (77.1) |
| 45 | | | 3,590 (31.5) | 3,980 (48.1) | 4,220 (56.8) | 4,260 (62.8) | 4,180 (67.1) | 4,100 (70.1) | 4,000 (72.5) | 3,890 (74.4) | 3,770 (75.4) |
| 50 | | | 2,350 (15.9) | 2,730 (41.6) | 2,970 (52.1) | 3,100 (59) | 3,070 (64) | 3,010 (67.8) | 2,940 (70.4) | 2,850 (72.6) | 2,740 (73.6) |
| 55 | | | | 1,720 (32.7) | 1,960 (47) | 2,130 (55) | 2,140 (60.7) | 2,110 (65) | 2,060 (68.3) | 1,990 (70.7) | 1,890 (71.8) |
| 60 | | | | 900 (21) | 1,130 (41.3) | 1,310 (50.7) | 1,340 (57.2) | 1,360 (62.1) | 1,320 (65.9) | 1,260 (68.8) | 1,180 (70) |
| 65 | | | | | | 610 (46.2) | 660 (53.6) | 690 (59.1) | 690 (63.3) | 640 (66.7) | 560 (68.1) |
| Max. boom angle for indicated length | 70.9° | 73.9° | 77.7° | 77.7° | 77.7° | 77.7° | 79.7° | 79.7° | 79.7° | 79.7° | 79.7° |
| Min. boom angle for indicated length (no load) | | | | 20° | 40.3° | 45.2° | 52.6° | 58.1° | 62.3° | 65.7° | 67.1° |
| Max. boom length at 0° boom angle (no load) | | | | 59.6 ft. | | | | | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|-----------------|-----------------|------|------|------|-------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 9,720 (28.3) | 4,730 (39.5) | 2,040 (51.5) | | | | | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 3,950 | 2,850 | 2,700 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 3,500 | 2,750 | 2,600 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 5,450 | 4,000 | 3,750 | 3,300 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131199

Caution note pertaining to overturning or backward stability:

- When the 16,000 lb or 13,000 lb counterweight is installed and the crane is on fully retracted outriggers (7.8 ft or 2.38 m spread), do not exceed the "Max. Boom Angle for Indicated Length" shown on the load chart due to a risk of overturning backwards. The RCL system monitors this condition and restricts raising the boom to an angle higher than the "Max. Boom Angle for Indicated Length" published on the load chart for this configuration.

RATED LIFTING CAPACITIES IN POUNDS

37 FT. - 151 FT. BOOM

WITH 13,000 LB. COUNTERWEIGHT

ON OUTRIGGERS FULLY EXTENDED - 360°

| Radius in Feet | #1001 or #1003 or #1005 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 120,000 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 101,500 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 88,900 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 78,700 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 66,850 (57.8) | 49,600 (67.8) | 49,600 (73.1) | 46,700 (76.5) | 39,700 (78.9) | | | | | | |
| 20 | 52,750 (46.4) | 49,600 (60.5) | 49,600 (68.3) | 42,050 (72.7) | 36,100 (75.7) | 30,250 (77.8) | 23,550 (79.7) | | | | |
| 25 | 37,450 (30) | 43,900 (52.4) | 44,450 (62.7) | 38,150 (68.7) | 32,950 (72.5) | 27,400 (75.1) | 21,150 (77.3) | 18,600 (79) | | | |
| 30 | | 35,500 (43.1) | 36,300 (56.6) | 34,950 (64.3) | 30,250 (69.1) | 24,700 (72.3) | 19,100 (74.9) | 16,950 (76.8) | 14,500 (78.4) | 11,300 (79.7) | |
| 35 | | 27,400 (29.8) | 29,350 (49.8) | 29,850 (59.3) | 27,950 (65.5) | 22,350 (69.4) | 17,250 (72.4) | 15,450 (74.6) | 13,900 (76.5) | 11,300 (78) | 10,050 (78.8) |
| 40 | | | 24,300 (42.1) | 24,750 (53.9) | 25,050 (61.2) | 20,300 (66.4) | 15,700 (69.8) | 14,150 (72.4) | 12,800 (74.5) | 11,300 (76.2) | 10,050 (77.1) |
| 45 | | | 20,400 (31.5) | 20,850 (48.1) | 21,150 (56.8) | 18,600 (62.8) | 14,350 (67.1) | 12,950 (70.1) | 11,750 (72.5) | 10,700 (74.4) | 10,050 (75.4) |
| 50 | | | 13,100 (15.9) | 17,350 (41.6) | 17,500 (52.1) | 17,100 (59) | 13,200 (64) | 11,900 (67.8) | 10,850 (70.4) | 9,930 (72.6) | 9,470 (73.6) |
| 55 | | | | 14,550 (32.7) | 14,700 (47) | 14,800 (55) | 12,150 (60.7) | 11,000 (65) | 10,000 (68.3) | 9,200 (70.7) | 8,780 (71.8) |
| 60 | | | | 12,000 (21) | 12,450 (41.3) | 12,550 (50.7) | 11,250 (57.2) | 10,150 (62.1) | 9,300 (65.9) | 8,540 (68.8) | 8,160 (70) |
| 65 | | | | | 10,700 (33.6) | 10,850 (46.2) | 10,450 (53.6) | 9,460 (59.1) | 8,640 (63.3) | 7,940 (66.7) | 7,590 (68.1) |
| 70 | | | | | 9,240 (24.1) | 9,360 (41.2) | 9,430 (49.7) | 8,800 (55.9) | 8,030 (60.6) | 7,380 (64.3) | 7,070 (66) |
| 75 | | | | | 5,400 (8.3) | 8,100 (34.3) | 8,170 (45.6) | 8,210 (52.6) | 7,460 (57.7) | 6,840 (61.8) | 6,550 (63.7) |
| 80 | | | | | | 7,030 (26.3) | 7,090 (41.1) | 7,150 (49.1) | 6,840 (54.8) | 6,260 (59.3) | 5,980 (61.3) |
| 85 | | | | | | 5,950 (15.3) | 6,160 (35) | 6,220 (45.3) | 6,260 (51.7) | 5,720 (56.7) | 5,460 (58.8) |
| 90 | | | | | | | 5,360 (27.9) | 5,410 (41.2) | 5,450 (48.5) | 5,240 (53.9) | 4,990 (56.3) |
| 95 | | | | | | | 4,660 (19) | 4,700 (35.6) | 4,740 (45) | 4,750 (51.1) | 4,550 (53.7) |
| 100 | | | | | | | | 4,080 (29.3) | 4,110 (41.2) | 4,120 (48) | 4,080 (50.9) |
| 105 | | | | | | | | 3,520 (21.7) | 3,550 (36.1) | 3,560 (44.8) | 3,510 (48) |
| 110 | | | | | | | | 2,440 (10.7) | 3,050 (30.3) | 3,050 (41.3) | 3,010 (45) |
| 115 | | | | | | | | | 2,600 (23.7) | 2,600 (36.5) | 2,550 (41.6) |
| 120 | | | | | | | | | 2,200 (15.1) | 2,190 (31.3) | 2,140 (37) |
| 125 | | | | | | | | | | 1,820 (25.4) | 1,770 (32.1) |
| 130 | | | | | | | | | | 1,490 (18.1) | 1,430 (26.5) |
| 135 | | | | | | | | | | | 1,130 (19.9) |
| 140 | | | | | | | | | | | 720 (10.5) |
| Min. boom angle for indicated length (no load) | | | | | | | | 9.5° | 9.5° | 9.5° | 9.5° |
| Max. boom length at 0° boom angle (no load) | | | | | | | | 107.6 ft. | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|------------------|-----------------|-----------------|-----------------|-----------------|---------------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 14,400 (28.3) | 10,000 (39.5) | 6,570 (51.5) | 4,360 (63.5) | 2,820 (75.5) | 1,690 (87.5) | 820 (99.5) | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 2,650 | 2,550 | 2,550 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 3,400 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131200

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 13,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #1015 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 7,720 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 7,720 (75.2) | 6,370 (76.6) | 5,200 (77.8) | 4,420 (78.5) |
| 50 | 7,670 (73.5) | 6,370 (75.1) | 5,200 (76.4) | 4,420 (77.1) |
| 55 | 7,260 (71.8) | 6,370 (73.6) | 5,200 (75) | 4,420 (75.8) |
| 60 | 6,880 (70.1) | 6,370 (72) | 5,200 (73.6) | 4,420 (74.4) |
| 65 | 6,520 (68.4) | 6,260 (70.5) | 5,200 (72.2) | 4,420 (73.1) |
| 70 | 6,180 (66.6) | 5,960 (68.8) | 5,200 (70.7) | 4,420 (71.7) |
| 75 | 5,870 (64.4) | 5,690 (67.2) | 5,200 (69.2) | 4,420 (70.3) |
| 80 | 5,580 (62.1) | 5,400 (65.2) | 4,990 (67.7) | 4,420 (68.8) |
| 85 | 5,310 (59.8) | 5,060 (63.2) | 4,680 (65.9) | 4,420 (67.3) |
| 90 | 5,070 (57.4) | 4,750 (61) | 4,380 (64) | 4,200 (65.5) |
| 95 | 4,830 (54.9) | 4,450 (58.8) | 4,100 (62.1) | 3,930 (63.7) |
| 100 | 4,540 (52.4) | 4,170 (56.6) | 3,840 (60) | 3,670 (61.8) |
| 105 | 4,230 (49.7) | 3,920 (54.3) | 3,600 (58) | 3,430 (59.8) |
| 110 | 3,730 (46.9) | 3,610 (51.9) | 3,370 (55.9) | 3,070 (57.8) |
| 115 | 3,270 (44) | 3,150 (49.4) | 3,030 (53.7) | 2,730 (55.7) |
| 120 | 2,860 (40.8) | 2,740 (46.7) | 2,620 (51.4) | 2,420 (53.6) |
| 125 | 2,490 (36.3) | 2,360 (44) | 2,240 (49.1) | 2,130 (51.4) |
| 130 | 2,150 (31.5) | 2,020 (40.9) | 1,900 (46.6) | 1,800 (49.2) |
| 135 | 1,840 (26.2) | 1,710 (36.8) | 1,590 (44) | 1,490 (46.8) |
| 140 | 1,570 (20) | 1,430 (32.3) | 1,300 (41.2) | 1,200 (44.3) |
| 145 | 1,320 (11.7) | 1,160 (27.4) | 1,040 (37.2) | 940 (41.6) |
| 150 | | 930 (21.8) | 790 (33) | 690 (37.8) |
| 155 | | 720 (14.9) | 570 (28.5) | |
| Min. boom angle for indicated length (no load) | 10.7° | 13.9° | 27.5° | 36.8° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions. 80131239_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 13,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #1020 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,730 (77.8) | | | |
| 50 | 6,540 (76.2) | 6,400 (77.6) | | |
| 55 | 6,360 (74.5) | 6,150 (76.1) | 5,590 (77.4) | 4,940 (78) |
| 60 | 6,100 (72.8) | 5,880 (74.5) | 5,590 (75.9) | 4,940 (76.7) |
| 65 | 5,810 (71) | 5,620 (72.9) | 5,370 (74.5) | 4,940 (75.3) |
| 70 | 5,550 (69.2) | 5,380 (71.3) | 5,160 (73) | 4,940 (73.9) |
| 75 | 5,300 (67.4) | 5,150 (69.6) | 4,960 (71.6) | 4,840 (72.5) |
| 80 | 5,070 (65.3) | 4,930 (68) | 4,760 (70) | 4,660 (71.1) |
| 85 | 4,860 (63) | 4,730 (66.1) | 4,580 (68.5) | 4,480 (69.6) |
| 90 | 4,660 (60.6) | 4,550 (64) | 4,400 (66.9) | 4,250 (68.1) |
| 95 | 4,480 (58.1) | 4,370 (61.8) | 4,150 (64.9) | 3,980 (66.4) |
| 100 | 4,310 (55.6) | 4,200 (59.5) | 3,890 (62.9) | 3,730 (64.5) |
| 105 | 4,150 (52.9) | 3,950 (57.2) | 3,650 (60.8) | 3,500 (62.5) |
| 110 | 4,010 (50.1) | 3,710 (54.8) | 3,420 (58.7) | 3,270 (60.5) |
| 115 | 3,540 (47.1) | 3,460 (52.3) | 3,200 (56.5) | 2,940 (58.4) |
| 120 | 3,100 (43.9) | 3,010 (49.7) | 2,930 (54.2) | 2,610 (56.3) |
| 125 | 2,690 (40.3) | 2,610 (46.9) | 2,520 (51.8) | 2,320 (54.1) |
| 130 | 2,320 (35.2) | 2,240 (43.9) | 2,150 (49.3) | 2,040 (51.8) |
| 135 | 1,980 (29.6) | 1,900 (40.5) | 1,820 (46.7) | 1,740 (49.4) |
| 140 | 1,670 (23) | 1,590 (35.8) | 1,500 (43.9) | 1,420 (46.9) |
| 145 | | 1,300 (30.6) | 1,220 (40.7) | 1,140 (44.2) |
| 150 | | 1,030 (24.7) | 950 (36.3) | 870 (41.1) |
| 155 | | 780 (17.3) | 700 (31.5) | 620 (36.9) |
| Min. boom angle for indicated length (no load) | 16.3° | 16.3° | 30.5° | 35.9° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131239_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 13,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #1025 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,530 (76.9) | 5,440 (78.2) | | |
| 60 | 5,420 (75.1) | 5,350 (76.6) | 5,190 (78) | |
| 65 | 5,320 (73.3) | 5,190 (75) | 5,000 (76.5) | 4,870 (77.2) |
| 70 | 5,140 (71.5) | 4,990 (73.4) | 4,810 (75) | 4,700 (75.8) |
| 75 | 4,940 (69.6) | 4,800 (71.7) | 4,640 (73.5) | 4,540 (74.3) |
| 80 | 4,760 (67.7) | 4,630 (70) | 4,470 (72) | 4,380 (72.9) |
| 85 | 4,580 (65.5) | 4,460 (68.2) | 4,320 (70.4) | 4,230 (71.4) |
| 90 | 4,420 (63.1) | 4,310 (66.4) | 4,170 (68.8) | 4,090 (69.9) |
| 95 | 4,270 (60.6) | 4,160 (64.1) | 4,030 (67.1) | 3,960 (68.3) |
| 100 | 4,130 (57.9) | 4,020 (61.8) | 3,900 (65) | 3,820 (66.6) |
| 105 | 4,010 (55.2) | 3,900 (59.4) | 3,730 (62.9) | 3,580 (64.6) |
| 110 | 3,890 (52.2) | 3,780 (56.9) | 3,500 (60.7) | 3,360 (62.5) |
| 115 | 3,740 (49.2) | 3,550 (54.3) | 3,280 (58.5) | 3,100 (60.4) |
| 120 | 3,270 (45.8) | 3,220 (51.6) | 3,070 (56.1) | 2,760 (58.2) |
| 125 | 2,830 (42.2) | 2,790 (48.7) | 2,740 (53.7) | 2,450 (56) |
| 130 | 2,420 (37) | 2,390 (45.6) | 2,340 (51.1) | 2,170 (53.6) |
| 135 | | 2,020 (42.3) | 1,980 (48.4) | 1,900 (51.1) |
| 140 | | 1,680 (37.4) | 1,640 (45.5) | 1,580 (48.5) |
| 145 | | | 1,330 (42.4) | 1,270 (45.7) |
| 150 | | | 1,040 (37.8) | 980 (42.7) |
| 155 | | | | 710 (38.4) |
| Min. boom angle for indicated length (no load) | 36° | 36.4° | 36.8° | 37.4° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131239_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITH 13,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR

| Radius in Feet | #1026 or #1028 or #1030 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 120,000 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 107,000 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 96,250 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 86,350 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 74,550 (57.8) | 49,600 (67.8) | 49,600 (73.1) | 46,700 (76.5) | 39,700 (78.9) | | | | | | |
| 20 | 60,200 (46.4) | 49,600 (60.5) | 49,600 (68.3) | 42,050 (72.7) | 36,100 (75.7) | 30,250 (77.8) | 23,550 (79.7) | | | | |
| 25 | 37,450 (30) | 48,050 (52.4) | 45,850 (62.7) | 38,150 (68.7) | 32,950 (72.5) | 27,400 (75.1) | 21,150 (77.3) | 18,600 (79) | | | |
| 30 | | 38,300 (43.1) | 38,800 (56.6) | 34,950 (64.3) | 30,250 (69.1) | 24,700 (72.3) | 19,100 (74.9) | 16,950 (76.8) | 14,500 (78.4) | 11,300 (79.7) | |
| 35 | | 27,400 (29.8) | 31,900 (49.8) | 32,250 (59.3) | 27,950 (65.5) | 22,350 (69.4) | 17,250 (72.4) | 15,450 (74.6) | 13,900 (76.5) | 11,300 (78) | 10,050 (78.8) |
| 40 | | | 26,750 (42.1) | 27,050 (53.9) | 25,950 (61.2) | 20,300 (66.4) | 15,700 (69.8) | 14,150 (72.4) | 12,800 (74.5) | 11,300 (76.2) | 10,050 (77.1) |
| 45 | | | 22,300 (31.5) | 23,100 (48.1) | 23,300 (56.8) | 18,600 (62.8) | 14,350 (67.1) | 12,950 (70.1) | 11,750 (72.5) | 10,700 (74.4) | 10,050 (75.4) |
| 50 | | | 13,100 (15.9) | 19,550 (41.6) | 19,700 (52.1) | 17,100 (59) | 13,200 (64) | 11,900 (67.8) | 10,850 (70.4) | 9,930 (72.6) | 9,470 (73.6) |
| 55 | | | | 16,600 (32.7) | 16,750 (47) | 15,800 (55) | 12,150 (60.7) | 11,000 (65) | 10,000 (68.3) | 9,200 (70.7) | 8,780 (71.8) |
| 60 | | | | 12,000 (21) | 14,400 (41.3) | 14,500 (50.7) | 11,250 (57.2) | 10,150 (62.1) | 9,300 (65.9) | 8,540 (68.8) | 8,160 (70) |
| 65 | | | | | 12,450 (33.6) | 12,550 (46.2) | 10,450 (53.6) | 9,460 (59.1) | 8,640 (63.3) | 7,940 (66.7) | 7,590 (68.1) |
| 70 | | | | | 10,900 (24.1) | 11,050 (41.2) | 9,760 (49.7) | 8,800 (55.9) | 8,030 (60.6) | 7,380 (64.3) | 7,070 (66) |
| 75 | | | | | 5,400 (8.3) | 9,700 (34.3) | 9,120 (45.6) | 8,210 (52.6) | 7,460 (57.7) | 6,840 (61.8) | 6,550 (63.7) |
| 80 | | | | | | 8,540 (26.3) | 8,530 (41.1) | 7,580 (49.1) | 6,840 (54.8) | 6,260 (59.3) | 5,980 (61.3) |
| 85 | | | | | | 5,950 (15.3) | 7,590 (35) | 6,990 (45.3) | 6,290 (51.7) | 5,720 (56.7) | 5,460 (58.8) |
| 90 | | | | | | | 6,710 (27.9) | 6,450 (41.2) | 5,780 (48.5) | 5,240 (53.9) | 4,990 (56.3) |
| 95 | | | | | | | 5,620 (19) | 5,960 (35.6) | 5,310 (45) | 4,790 (51.1) | 4,550 (53.7) |
| 100 | | | | | | | | 5,300 (29.3) | 4,880 (41.2) | 4,380 (48) | 4,150 (50.9) |
| 105 | | | | | | | | 4,680 (21.7) | 4,490 (36.1) | 4,000 (44.8) | 3,730 (48) |
| 110 | | | | | | | | 2,440 (10.7) | 4,120 (30.3) | 3,640 (41.3) | 3,340 (45) |
| 115 | | | | | | | | | 3,660 (23.7) | 3,320 (36.5) | 2,980 (41.6) |
| 120 | | | | | | | | | 2,590 (15.1) | 3,010 (31.3) | 2,650 (37) |
| 125 | | | | | | | | | | 2,730 (25.4) | 2,350 (32.1) |
| 130 | | | | | | | | | | 2,430 (18.1) | 2,070 (26.5) |
| 135 | | | | | | | | | | | 1,800 (19.9) |
| 140 | | | | | | | | | | | 720 (10.5) |
| Min. boom angle for indicated length (no load) | | | | | | | | 9.5° | 9.5° | 9.5° | 9.5° |
| Max. boom length at 0° boom angle (no load) | | | | | | | | 107.6 ft. | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|------------------|-----------------|-----------------|-----------------|-----------------|---------------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 14,400 (28.3) | 10,000 (39.5) | 6,570 (51.5) | 4,360 (63.5) | 2,820 (75.5) | 1,690 (87.5) | 820 (99.5) | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 2,650 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 2,850 | 2,550 | 2,550 | 2,550 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 3,850 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131201

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 13,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #1040 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 7,720 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 7,720 (75.2) | 6,370 (76.6) | 5,200 (77.8) | 4,420 (78.5) |
| 50 | 7,670 (73.5) | 6,370 (75.1) | 5,200 (76.4) | 4,420 (77.1) |
| 55 | 7,260 (71.8) | 6,370 (73.6) | 5,200 (75) | 4,420 (75.8) |
| 60 | 6,880 (70.1) | 6,370 (72) | 5,200 (73.6) | 4,420 (74.4) |
| 65 | 6,520 (68.4) | 6,260 (70.5) | 5,200 (72.2) | 4,420 (73.1) |
| 70 | 6,180 (66.6) | 5,960 (68.8) | 5,200 (70.7) | 4,420 (71.7) |
| 75 | 5,870 (64.4) | 5,690 (67.2) | 5,200 (69.2) | 4,420 (70.3) |
| 80 | 5,580 (62.1) | 5,400 (65.2) | 4,990 (67.7) | 4,420 (68.8) |
| 85 | 5,310 (59.8) | 5,060 (63.2) | 4,680 (65.9) | 4,420 (67.3) |
| 90 | 5,070 (57.4) | 4,750 (61) | 4,380 (64) | 4,200 (65.5) |
| 95 | 4,830 (54.9) | 4,450 (58.8) | 4,100 (62.1) | 3,930 (63.7) |
| 100 | 4,540 (52.4) | 4,170 (56.6) | 3,840 (60) | 3,670 (61.8) |
| 105 | 4,270 (49.7) | 3,920 (54.3) | 3,600 (58) | 3,430 (59.8) |
| 110 | 4,020 (46.9) | 3,680 (51.9) | 3,370 (55.9) | 3,070 (57.8) |
| 115 | 3,790 (44) | 3,450 (49.4) | 3,150 (53.7) | 2,730 (55.7) |
| 120 | 3,570 (40.8) | 3,240 (46.7) | 2,900 (51.4) | 2,420 (53.6) |
| 125 | 3,370 (36.3) | 3,030 (44) | 2,640 (49.1) | 2,130 (51.4) |
| 130 | 3,080 (31.5) | 2,780 (40.9) | 2,400 (46.6) | 1,870 (49.2) |
| 135 | 2,740 (26.2) | 2,550 (36.8) | 2,170 (44) | 1,630 (46.8) |
| 140 | 2,440 (20) | 2,300 (32.3) | 1,960 (41.2) | 1,400 (44.3) |
| 145 | 1,320 (11.7) | 2,010 (27.4) | 1,750 (37.2) | 1,190 (41.6) |
| 150 | | 1,740 (21.8) | 1,560 (33) | 990 (37.8) |
| 155 | | 1,240 (14.9) | 1,360 (28.5) | 810 (33.7) |
| 160 | | | 1,130 (23.4) | 640 (29.3) |
| 165 | | | 920 (17.3) | |
| Min. boom angle for indicated length (no load) | 10.7° | 13.9° | 16.3° | 28.3° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131240_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
2. For boom angles not shown, use the rating of the next lower boom angle.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
4. Capacities listed are with outriggers properly extended and vertical jacks set only.

WARNING: Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 13,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #1045 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,730 (77.8) | | | |
| 50 | 6,540 (76.2) | 6,400 (77.6) | | |
| 55 | 6,360 (74.5) | 6,150 (76.1) | 5,590 (77.4) | 4,940 (78) |
| 60 | 6,100 (72.8) | 5,880 (74.5) | 5,590 (75.9) | 4,940 (76.7) |
| 65 | 5,810 (71) | 5,620 (72.9) | 5,370 (74.5) | 4,940 (75.3) |
| 70 | 5,550 (69.2) | 5,380 (71.3) | 5,160 (73) | 4,940 (73.9) |
| 75 | 5,300 (67.4) | 5,150 (69.6) | 4,960 (71.6) | 4,840 (72.5) |
| 80 | 5,070 (65.3) | 4,930 (68) | 4,760 (70) | 4,660 (71.1) |
| 85 | 4,860 (63) | 4,730 (66.1) | 4,580 (68.5) | 4,480 (69.6) |
| 90 | 4,660 (60.6) | 4,550 (64) | 4,400 (66.9) | 4,250 (68.1) |
| 95 | 4,480 (58.1) | 4,370 (61.8) | 4,150 (64.9) | 3,980 (66.4) |
| 100 | 4,310 (55.6) | 4,200 (59.5) | 3,890 (62.9) | 3,730 (64.5) |
| 105 | 4,150 (52.9) | 3,950 (57.2) | 3,650 (60.8) | 3,500 (62.5) |
| 110 | 4,010 (50.1) | 3,710 (54.8) | 3,420 (58.7) | 3,270 (60.5) |
| 115 | 3,810 (47.1) | 3,490 (52.3) | 3,200 (56.5) | 2,940 (58.4) |
| 120 | 3,600 (43.9) | 3,280 (49.7) | 3,000 (54.2) | 2,610 (56.3) |
| 125 | 3,400 (40.3) | 3,080 (46.9) | 2,810 (51.8) | 2,320 (54.1) |
| 130 | 3,210 (35.2) | 2,900 (43.9) | 2,560 (49.3) | 2,040 (51.8) |
| 135 | 2,880 (29.6) | 2,660 (40.5) | 2,320 (46.7) | 1,780 (49.4) |
| 140 | 2,540 (23) | 2,430 (35.8) | 2,090 (43.9) | 1,550 (46.9) |
| 145 | | 2,140 (30.6) | 1,870 (40.7) | 1,320 (44.2) |
| 150 | | 1,840 (24.7) | 1,660 (36.3) | 1,110 (41.1) |
| 155 | | 1,570 (17.3) | 1,460 (31.5) | 910 (36.9) |
| 160 | | | 1,230 (26.1) | 730 (32.3) |
| 165 | | | 990 (19.7) | 550 (27.2) |
| Min. boom angle for indicated length (no load) | 16.3° | 16.3° | 18.7° | 26.2° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131240_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 13,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #1050 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,530 (76.9) | 5,440 (78.2) | | |
| 60 | 5,420 (75.1) | 5,350 (76.6) | 5,190 (78) | |
| 65 | 5,320 (73.3) | 5,190 (75) | 5,000 (76.5) | 4,870 (77.2) |
| 70 | 5,140 (71.5) | 4,990 (73.4) | 4,810 (75) | 4,700 (75.8) |
| 75 | 4,940 (69.6) | 4,800 (71.7) | 4,640 (73.5) | 4,540 (74.3) |
| 80 | 4,760 (67.7) | 4,630 (70) | 4,470 (72) | 4,380 (72.9) |
| 85 | 4,580 (65.5) | 4,460 (68.2) | 4,320 (70.4) | 4,230 (71.4) |
| 90 | 4,420 (63.1) | 4,310 (66.4) | 4,170 (68.8) | 4,090 (69.9) |
| 95 | 4,270 (60.6) | 4,160 (64.1) | 4,030 (67.1) | 3,960 (68.3) |
| 100 | 4,130 (57.9) | 4,020 (61.8) | 3,900 (65) | 3,820 (66.6) |
| 105 | 4,010 (55.2) | 3,900 (59.4) | 3,730 (62.9) | 3,580 (64.6) |
| 110 | 3,890 (52.2) | 3,780 (56.9) | 3,500 (60.7) | 3,360 (62.5) |
| 115 | 3,780 (49.2) | 3,550 (54.3) | 3,280 (58.5) | 3,100 (60.4) |
| 120 | 3,650 (45.8) | 3,340 (51.6) | 3,070 (56.1) | 2,760 (58.2) |
| 125 | 3,440 (42.2) | 3,140 (48.7) | 2,880 (53.7) | 2,450 (56) |
| 130 | 3,250 (37) | 2,950 (45.6) | 2,690 (51.1) | 2,170 (53.6) |
| 135 | | 2,760 (42.3) | 2,440 (48.4) | 1,900 (51.1) |
| 140 | | 2,510 (37.4) | 2,190 (45.5) | 1,640 (48.5) |
| 145 | | | 1,960 (42.4) | 1,410 (45.7) |
| 150 | | | 1,730 (37.8) | 1,180 (42.7) |
| 155 | | | | 970 (38.4) |
| Min. boom angle for indicated length (no load) | 36° | 36.4° | 36.8° | 37.4° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131240_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
2. For boom angles not shown, use the rating of the next lower boom angle.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
4. Capacities listed are with outriggers properly extended and vertical jacks set only.

WARNING: Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITH 13,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

| Radius in Feet | #1401 or #1403 or #1405 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 120,000 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 107,000 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 96,750 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 85,500 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 72,400 (57.8) | 49,600 (67.8) | 49,600 (73.1) | 46,700 (76.5) | 39,700 (78.9) | | | | | | |
| 20 | 43,900 (46.4) | 43,650 (60.5) | 41,950 (68.3) | 40,300 (72.7) | 36,100 (75.7) | 30,250 (77.8) | 23,550 (79.7) | | | | |
| 25 | 28,500 (30) | 29,550 (52.4) | 29,950 (62.7) | 29,100 (68.7) | 28,200 (72.5) | 27,300 (75.1) | 21,150 (77.3) | 18,600 (79) | | | |
| 30 | | 21,200 (43.1) | 21,700 (56.6) | 22,050 (64.3) | 21,550 (69.1) | 21,050 (72.3) | 19,100 (74.9) | 16,950 (76.8) | 14,500 (78.4) | 11,300 (79.7) | |
| 35 | | 15,700 (29.8) | 16,350 (49.8) | 16,650 (59.3) | 16,850 (65.5) | 16,650 (69.4) | 16,300 (72.4) | 15,450 (74.6) | 13,900 (76.5) | 11,300 (78) | 10,050 (78.8) |
| 40 | | | 12,650 (42.1) | 12,950 (53.9) | 13,100 (61.2) | 13,250 (66.4) | 13,200 (69.8) | 12,900 (72.4) | 12,650 (74.5) | 11,300 (76.2) | 10,050 (77.1) |
| 45 | | | 9,930 (31.5) | 10,300 (48.1) | 10,450 (56.8) | 10,600 (62.8) | 10,700 (67.1) | 10,600 (70.1) | 10,400 (72.5) | 10,200 (74.4) | 10,000 (75.4) |
| 50 | | | 7,820 (15.9) | 8,230 (41.6) | 8,420 (52.1) | 8,560 (59) | 8,640 (64) | 8,710 (67.8) | 8,640 (70.4) | 8,460 (72.6) | 8,300 (73.6) |
| 55 | | | | 6,560 (32.7) | 6,790 (47) | 6,920 (55) | 7,000 (60.7) | 7,070 (65) | 7,120 (68.3) | 7,030 (70.7) | 6,890 (71.8) |
| 60 | | | | 5,210 (21) | 5,450 (41.3) | 5,600 (50.7) | 5,670 (57.2) | 5,740 (62.1) | 5,790 (65.9) | 5,810 (68.8) | 5,720 (70) |
| 65 | | | | | 4,330 (33.6) | 4,510 (46.2) | 4,580 (53.6) | 4,650 (59.1) | 4,700 (63.3) | 4,720 (66.7) | 4,670 (68.1) |
| 70 | | | | | 3,400 (24.1) | 3,580 (41.2) | 3,670 (49.7) | 3,730 (55.9) | 3,780 (60.6) | 3,800 (64.3) | 3,760 (66) |
| 75 | | | | | 2,620 (8.3) | 2,780 (34.3) | 2,900 (45.6) | 2,960 (52.6) | 3,000 (57.7) | 3,020 (61.8) | 2,980 (63.7) |
| 80 | | | | | | 2,100 (26.3) | 2,210 (41.1) | 2,290 (49.1) | 2,330 (54.8) | 2,350 (59.3) | 2,310 (61.3) |
| 85 | | | | | | 1,510 (15.3) | 1,610 (35) | 1,700 (45.3) | 1,750 (51.7) | 1,770 (56.7) | 1,720 (58.8) |
| 90 | | | | | | | 1,090 (27.9) | 1,180 (41.2) | 1,240 (48.5) | 1,260 (53.9) | 1,210 (56.3) |
| 95 | | | | | | | 630 (19) | 710 (35.6) | 780 (45) | 800 (51.1) | 760 (53.7) |
| Min. boom angle for indicated length (no load) | | | | | | | 18° | 34.6° | 44° | 50.1° | 52.7° |
| Max. boom length at 0° boom angle (no load) | | | | | | | 95.6 ft. | | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|------------------|-----------------|-----------------|-----------------|-----------------|-------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 14,400 (28.3) | 10,000 (39.5) | 6,570 (51.5) | 4,360 (63.5) | 2,550 (75.5) | 1,260 (87.5) | | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 4,300 | 2,800 | 2,650 | 2,500 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 3,900 | 2,800 | 2,650 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 6,000 | 3,950 | 3,700 | 3,550 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131203

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 13,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #1415 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 7,720 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 7,720 (75.2) | 6,370 (76.6) | 5,200 (77.8) | 4,420 (78.5) |
| 50 | 7,670 (73.5) | 6,370 (75.1) | 5,200 (76.4) | 4,420 (77.1) |
| 55 | 7,260 (71.8) | 6,370 (73.6) | 5,200 (75) | 4,420 (75.8) |
| 60 | 6,410 (70.1) | 6,140 (72) | 5,200 (73.6) | 4,420 (74.4) |
| 65 | 5,330 (68.4) | 5,180 (70.5) | 4,940 (72.2) | 4,420 (73.1) |
| 70 | 4,420 (66.6) | 4,300 (68.8) | 4,130 (70.7) | 3,970 (71.7) |
| 75 | 3,640 (64.4) | 3,520 (67.2) | 3,400 (69.2) | 3,270 (70.3) |
| 80 | 2,970 (62.1) | 2,850 (65.2) | 2,740 (67.7) | 2,640 (68.8) |
| 85 | 2,390 (59.8) | 2,270 (63.2) | 2,160 (65.9) | 2,060 (67.3) |
| 90 | 1,880 (57.4) | 1,760 (61) | 1,650 (64) | 1,550 (65.5) |
| 95 | 1,430 (54.9) | 1,310 (58.8) | 1,200 (62.1) | 1,100 (63.7) |
| 100 | 1,030 (52.4) | 910 (56.6) | 800 (60) | 700 (61.8) |
| 105 | 670 (49.7) | 550 (54.3) | | |
| Min. boom angle for indicated length (no load) | 48.7° | 53.3° | 59° | 60.8° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131242_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
2. For boom angles not shown, use the rating of the next lower boom angle.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
4. Capacities listed are with outriggers properly extended and vertical jacks set only.

WARNING: Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 13,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #1420 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,730 (77.8) | | | |
| 50 | 6,540 (76.2) | 6,400 (77.6) | | |
| 55 | 6,360 (74.5) | 6,150 (76.1) | 5,590 (77.4) | 4,940 (78) |
| 60 | 6,100 (72.8) | 5,880 (74.5) | 5,590 (75.9) | 4,940 (76.7) |
| 65 | 5,810 (71) | 5,620 (72.9) | 5,370 (74.5) | 4,940 (75.3) |
| 70 | 5,080 (69.2) | 4,990 (71.3) | 4,840 (73) | 4,690 (73.9) |
| 75 | 4,240 (67.4) | 4,150 (69.6) | 4,060 (71.6) | 3,930 (72.5) |
| 80 | 3,510 (65.3) | 3,420 (68) | 3,330 (70) | 3,250 (71.1) |
| 85 | 2,880 (63) | 2,790 (66.1) | 2,700 (68.5) | 2,620 (69.6) |
| 90 | 2,330 (60.6) | 2,240 (64) | 2,150 (66.9) | 2,060 (68.1) |
| 95 | 1,830 (58.1) | 1,750 (61.8) | 1,660 (64.9) | 1,570 (66.4) |
| 100 | 1,400 (55.6) | 1,310 (59.5) | 1,220 (62.9) | 1,140 (64.5) |
| 105 | 1,000 (52.9) | 920 (57.2) | 830 (60.8) | 750 (62.5) |
| 110 | 650 (50.1) | 560 (54.8) | | |
| Min. boom angle for indicated length (no load) | 49.1° | 53.8° | 59.8° | 61.5° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131242_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 13,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #1425 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,530 (76.9) | 5,440 (78.2) | | |
| 60 | 5,420 (75.1) | 5,350 (76.6) | 5,190 (78) | |
| 65 | 5,320 (73.3) | 5,190 (75) | 5,000 (76.5) | 4,870 (77.2) |
| 70 | 5,140 (71.5) | 4,990 (73.4) | 4,810 (75) | 4,700 (75.8) |
| 75 | 4,760 (69.6) | 4,700 (71.7) | 4,630 (73.5) | 4,520 (74.3) |
| 80 | 3,980 (67.7) | 3,920 (70) | 3,850 (72) | 3,780 (72.9) |
| 85 | 3,300 (65.5) | 3,240 (68.2) | 3,170 (70.4) | 3,100 (71.4) |
| 90 | 2,700 (63.1) | 2,640 (66.4) | 2,580 (68.8) | 2,510 (69.9) |
| 95 | 2,170 (60.6) | 2,110 (64.1) | 2,050 (67.1) | 1,980 (68.3) |
| 100 | 1,690 (57.9) | 1,640 (61.8) | 1,570 (65) | 1,510 (66.6) |
| 105 | 1,260 (55.2) | 1,210 (59.4) | 1,150 (62.9) | 1,080 (64.6) |
| 110 | 880 (52.2) | 820 (56.9) | 770 (60.7) | 700 (62.5) |
| 115 | 520 (49.2) | | | |
| Min. boom angle for indicated length (no load) | 48.2° | 55.9° | 59.7° | 61.5° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131242_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITH 13,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 0° EXTENDED - 360°

| Radius in Feet | #1801 or #1803 or #1805 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 90,350 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 66,900 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 49,200 (67.6) | 46,200 (73.9) | 43,250 (77.7) | | | | | | | | |
| 12 | 38,200 (63.8) | 36,450 (71.5) | 34,550 (75.9) | 32,750 (78.7) | | | | | | | |
| 15 | 27,700 (57.8) | 26,950 (67.8) | 25,950 (73.1) | 24,850 (76.5) | 23,800 (78.9) | | | | | | |
| 20 | 17,150 (46.4) | 17,750 (60.5) | 17,350 (68.3) | 16,850 (72.7) | 16,300 (75.7) | 15,750 (77.8) | 15,200 (79.7) | | | | |
| 25 | 10,900 (30) | 11,950 (52.4) | 12,250 (62.7) | 12,000 (68.7) | 11,700 (72.5) | 11,400 (75.1) | 11,050 (77.3) | 10,700 (79) | | | |
| 30 | | 8,110 (43.1) | 8,780 (56.6) | 8,780 (64.3) | 8,600 (69.1) | 8,420 (72.3) | 8,190 (74.9) | 7,970 (76.8) | 7,740 (78.4) | 7,500 (79.7) | |
| 35 | | 5,450 (29.8) | 6,100 (49.8) | 6,420 (59.3) | 6,350 (65.5) | 6,240 (69.4) | 6,090 (72.4) | 5,940 (74.6) | 5,780 (76.5) | 5,600 (78) | 5,450 (78.8) |
| 40 | | | 4,160 (42.1) | 4,560 (53.9) | 4,640 (61.2) | 4,590 (66.4) | 4,480 (69.8) | 4,380 (72.4) | 4,270 (74.5) | 4,140 (76.2) | 4,010 (77.1) |
| 45 | | | 2,690 (31.5) | 3,080 (48.1) | 3,260 (56.8) | 3,290 (62.8) | 3,220 (67.1) | 3,150 (70.1) | 3,070 (72.5) | 2,970 (74.4) | 2,850 (75.4) |
| 50 | | | 1,550 (15.9) | 1,920 (41.6) | 2,150 (52.1) | 2,220 (59) | 2,200 (64) | 2,150 (67.8) | 2,100 (70.4) | 2,020 (72.6) | 1,920 (73.6) |
| 55 | | | | 1,000 (32.7) | 1,230 (47) | 1,320 (55) | 1,340 (60.7) | 1,330 (65) | 1,290 (68.3) | 1,230 (70.7) | 1,130 (71.8) |
| 60 | | | | | | 580 (50.7) | 610 (57.2) | 630 (62.1) | 610 (65.9) | 560 (68.8) | |
| Max. boom angle for indicated length | 74.1° | 78.5° | 79.5° | 79.5° | 79.5° | 79.5° | 79.7° | 79.7° | 79.7° | 79.7° | 79.7° |
| Min. boom angle for indicated length (no load) | | | | 31.7° | 46° | 49.7° | 56.2° | 61.1° | 64.9° | 67.8° | 70.8° |
| Max. boom length at 0° boom angle (no load) | | | | 59.6 ft. | | | | | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|-----------------|-----------------|------|------|------|-------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 8,200 (28.3) | 3,690 (39.5) | 1,260 (51.5) | | | | | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 3,950 | 3,650 | 3,450 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 3,500 | 3,200 | 3,000 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 5,450 | 5,000 | 4,650 | 3,300 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131204

Caution note pertaining to overturning or backward stability:

- When the 16,000 lb or 13,000 lb counterweight is installed and the crane is on fully retracted outriggers (7.8 ft or 2.38 m spread), do not exceed the "Max. Boom Angle for Indicated Length" shown on the load chart due to a risk of overturning backwards. The RCL system monitors this condition and restricts raising the boom to an angle higher than the "Max. Boom Angle for Indicated Length" published on the load chart for this configuration.

RATED LIFTING CAPACITIES IN POUNDS

37 FT. - 151 FT. BOOM

WITH 11,000 LB. COUNTERWEIGHT

ON OUTRIGGERS FULLY EXTENDED - 360°

| Radius in Feet | #2001 or #2003 or #2005 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 120,000 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 101,000 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 88,600 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 78,450 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 66,600 (57.8) | 49,600 (67.8) | 49,600 (73.1) | 46,700 (76.5) | 39,700 (78.9) | | | | | | |
| 20 | 52,550 (46.4) | 49,600 (60.5) | 49,600 (68.3) | 42,050 (72.7) | 36,100 (75.7) | 30,250 (77.8) | 23,550 (79.7) | | | | |
| 25 | 37,450 (30) | 43,700 (52.4) | 44,300 (62.7) | 38,150 (68.7) | 32,950 (72.5) | 27,400 (75.1) | 21,150 (77.3) | 18,600 (79) | | | |
| 30 | | 34,750 (43.1) | 35,550 (56.6) | 34,950 (64.3) | 30,250 (69.1) | 24,700 (72.3) | 19,100 (74.9) | 16,950 (76.8) | 14,500 (78.4) | 11,300 (79.7) | |
| 35 | | 27,400 (29.8) | 28,750 (49.8) | 29,200 (59.3) | 27,950 (65.5) | 22,350 (69.4) | 17,250 (72.4) | 15,450 (74.6) | 13,900 (76.5) | 11,300 (78) | 10,050 (78.8) |
| 40 | | | 23,750 (42.1) | 24,200 (53.9) | 24,500 (61.2) | 20,300 (66.4) | 15,700 (69.8) | 14,150 (72.4) | 12,800 (74.5) | 11,300 (76.2) | 10,050 (77.1) |
| 45 | | | 19,750 (31.5) | 20,050 (48.1) | 20,200 (56.8) | 18,600 (62.8) | 14,350 (67.1) | 12,950 (70.1) | 11,750 (72.5) | 10,700 (74.4) | 10,050 (75.4) |
| 50 | | | 13,100 (15.9) | 16,500 (41.6) | 16,650 (52.1) | 16,800 (59) | 13,200 (64) | 11,900 (67.8) | 10,850 (70.4) | 9,930 (72.6) | 9,470 (73.6) |
| 55 | | | | 13,800 (32.7) | 13,950 (47) | 14,100 (55) | 12,150 (60.7) | 11,000 (65) | 10,000 (68.3) | 9,200 (70.7) | 8,780 (71.8) |
| 60 | | | | 11,700 (21) | 11,800 (41.3) | 11,900 (50.7) | 11,250 (57.2) | 10,150 (62.1) | 9,300 (65.9) | 8,540 (68.8) | 8,160 (70) |
| 65 | | | | | 10,150 (33.6) | 10,250 (46.2) | 10,350 (53.6) | 9,460 (59.1) | 8,640 (63.3) | 7,940 (66.7) | 7,590 (68.1) |
| 70 | | | | | 8,710 (24.1) | 8,830 (41.2) | 8,900 (49.7) | 8,800 (55.9) | 8,030 (60.6) | 7,380 (64.3) | 7,070 (66) |
| 75 | | | | | 5,400 (8.3) | 7,610 (34.3) | 7,680 (45.6) | 7,740 (52.6) | 7,460 (57.7) | 6,840 (61.8) | 6,550 (63.7) |
| 80 | | | | | | 6,580 (26.3) | 6,640 (41.1) | 6,700 (49.1) | 6,740 (54.8) | 6,260 (59.3) | 5,980 (61.3) |
| 85 | | | | | | 5,690 (15.3) | 5,740 (35) | 5,800 (45.3) | 5,840 (51.7) | 5,720 (56.7) | 5,460 (58.8) |
| 90 | | | | | | | 4,960 (27.9) | 5,010 (41.2) | 5,050 (48.5) | 5,070 (53.9) | 4,990 (56.3) |
| 95 | | | | | | | 4,290 (19) | 4,330 (35.6) | 4,360 (45) | 4,380 (51.1) | 4,340 (53.7) |
| 100 | | | | | | | | 3,720 (29.3) | 3,760 (41.2) | 3,770 (48) | 3,720 (50.9) |
| 105 | | | | | | | | 3,190 (21.7) | 3,210 (36.1) | 3,230 (44.8) | 3,180 (48) |
| 110 | | | | | | | | 2,440 (10.7) | 2,730 (30.3) | 2,740 (41.3) | 2,690 (45) |
| 115 | | | | | | | | | 2,300 (23.7) | 2,300 (36.5) | 2,250 (41.6) |
| 120 | | | | | | | | | 1,910 (15.1) | 1,910 (31.3) | 1,860 (37) |
| 125 | | | | | | | | | | 1,550 (25.4) | 1,500 (32.1) |
| 130 | | | | | | | | | | 1,220 (18.1) | 1,170 (26.5) |
| 135 | | | | | | | | | | | 870 (19.9) |
| 140 | | | | | | | | | | | 610 (10.5) |
| Min. boom angle for indicated length (no load) | | | | | | | | 9.5° | 9.5° | 9.5° | 9.5° |
| Max. boom length at 0° boom angle (no load) | | | | | | | | 107.6 ft. | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|------------------|-----------------|-----------------|-----------------|-----------------|---------------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 14,400 (28.3) | 10,000 (39.5) | 6,570 (51.5) | 4,360 (63.5) | 2,820 (75.5) | 1,690 (87.5) | 820 (99.5) | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 2,650 | 2,550 | 2,550 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 3,400 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131205

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 11,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #2015 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 7,720 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 7,720 (75.2) | 6,370 (76.6) | 5,200 (77.8) | 4,420 (78.5) |
| 50 | 7,670 (73.5) | 6,370 (75.1) | 5,200 (76.4) | 4,420 (77.1) |
| 55 | 7,260 (71.8) | 6,370 (73.6) | 5,200 (75) | 4,420 (75.8) |
| 60 | 6,880 (70.1) | 6,370 (72) | 5,200 (73.6) | 4,420 (74.4) |
| 65 | 6,520 (68.4) | 6,260 (70.5) | 5,200 (72.2) | 4,420 (73.1) |
| 70 | 6,180 (66.6) | 5,960 (68.8) | 5,200 (70.7) | 4,420 (71.7) |
| 75 | 5,870 (64.4) | 5,690 (67.2) | 5,200 (69.2) | 4,420 (70.3) |
| 80 | 5,580 (62.1) | 5,400 (65.2) | 4,990 (67.7) | 4,420 (68.8) |
| 85 | 5,310 (59.8) | 5,060 (63.2) | 4,680 (65.9) | 4,420 (67.3) |
| 90 | 5,070 (57.4) | 4,750 (61) | 4,380 (64) | 4,200 (65.5) |
| 95 | 4,830 (54.9) | 4,450 (58.8) | 4,100 (62.1) | 3,930 (63.7) |
| 100 | 4,450 (52.4) | 4,170 (56.6) | 3,840 (60) | 3,670 (61.8) |
| 105 | 3,900 (49.7) | 3,780 (54.3) | 3,600 (58) | 3,430 (59.8) |
| 110 | 3,410 (46.9) | 3,290 (51.9) | 3,170 (55.9) | 3,070 (57.8) |
| 115 | 2,970 (44) | 2,850 (49.4) | 2,730 (53.7) | 2,640 (55.7) |
| 120 | 2,580 (40.8) | 2,450 (46.7) | 2,330 (51.4) | 2,240 (53.6) |
| 125 | 2,220 (36.3) | 2,090 (44) | 1,970 (49.1) | 1,870 (51.4) |
| 130 | 1,890 (31.5) | 1,760 (40.9) | 1,640 (46.6) | 1,540 (49.2) |
| 135 | 1,590 (26.2) | 1,460 (36.8) | 1,340 (44) | 1,240 (46.8) |
| 140 | 1,330 (20) | 1,180 (32.3) | 1,060 (41.2) | 960 (44.3) |
| 145 | 1,090 (11.7) | 930 (27.4) | 800 (37.2) | 700 (41.6) |
| 150 | | 700 (21.8) | 570 (33) | |
| 155 | | 500 (14.9) | | |
| Min. boom angle for indicated length (no load) | 10.7° | 13.9° | 32° | 40.6° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131243_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 11,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #2020 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,730 (77.8) | | | |
| 50 | 6,540 (76.2) | 6,400 (77.6) | | |
| 55 | 6,360 (74.5) | 6,150 (76.1) | 5,590 (77.4) | 4,940 (78) |
| 60 | 6,100 (72.8) | 5,880 (74.5) | 5,590 (75.9) | 4,940 (76.7) |
| 65 | 5,810 (71) | 5,620 (72.9) | 5,370 (74.5) | 4,940 (75.3) |
| 70 | 5,550 (69.2) | 5,380 (71.3) | 5,160 (73) | 4,940 (73.9) |
| 75 | 5,300 (67.4) | 5,150 (69.6) | 4,960 (71.6) | 4,840 (72.5) |
| 80 | 5,070 (65.3) | 4,930 (68) | 4,760 (70) | 4,660 (71.1) |
| 85 | 4,860 (63) | 4,730 (66.1) | 4,580 (68.5) | 4,480 (69.6) |
| 90 | 4,660 (60.6) | 4,550 (64) | 4,400 (66.9) | 4,250 (68.1) |
| 95 | 4,480 (58.1) | 4,370 (61.8) | 4,150 (64.9) | 3,980 (66.4) |
| 100 | 4,310 (55.6) | 4,200 (59.5) | 3,890 (62.9) | 3,730 (64.5) |
| 105 | 4,150 (52.9) | 3,950 (57.2) | 3,650 (60.8) | 3,500 (62.5) |
| 110 | 3,720 (50.1) | 3,630 (54.8) | 3,420 (58.7) | 3,270 (60.5) |
| 115 | 3,240 (47.1) | 3,160 (52.3) | 3,070 (56.5) | 2,940 (58.4) |
| 120 | 2,810 (43.9) | 2,730 (49.7) | 2,640 (54.2) | 2,560 (56.3) |
| 125 | 2,420 (40.3) | 2,340 (46.9) | 2,250 (51.8) | 2,170 (54.1) |
| 130 | 2,060 (35.2) | 1,980 (43.9) | 1,890 (49.3) | 1,810 (51.8) |
| 135 | 1,730 (29.6) | 1,650 (40.5) | 1,560 (46.7) | 1,480 (49.4) |
| 140 | 1,430 (23) | 1,350 (35.8) | 1,260 (43.9) | 1,180 (46.9) |
| 145 | | 1,070 (30.6) | 980 (40.7) | 900 (44.2) |
| 150 | | 810 (24.7) | 720 (36.3) | 650 (41.1) |
| 155 | | 560 (17.3) | | |
| Min. boom angle for indicated length (no load) | 16.3° | 16.3° | 35.3° | 40.1° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131243_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 11,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #2025 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,530 (76.9) | 5,440 (78.2) | | |
| 60 | 5,420 (75.1) | 5,350 (76.6) | 5,190 (78) | |
| 65 | 5,320 (73.3) | 5,190 (75) | 5,000 (76.5) | 4,870 (77.2) |
| 70 | 5,140 (71.5) | 4,990 (73.4) | 4,810 (75) | 4,700 (75.8) |
| 75 | 4,940 (69.6) | 4,800 (71.7) | 4,640 (73.5) | 4,540 (74.3) |
| 80 | 4,760 (67.7) | 4,630 (70) | 4,470 (72) | 4,380 (72.9) |
| 85 | 4,580 (65.5) | 4,460 (68.2) | 4,320 (70.4) | 4,230 (71.4) |
| 90 | 4,420 (63.1) | 4,310 (66.4) | 4,170 (68.8) | 4,090 (69.9) |
| 95 | 4,270 (60.6) | 4,160 (64.1) | 4,030 (67.1) | 3,960 (68.3) |
| 100 | 4,130 (57.9) | 4,020 (61.8) | 3,900 (65) | 3,820 (66.6) |
| 105 | 4,010 (55.2) | 3,900 (59.4) | 3,730 (62.9) | 3,580 (64.6) |
| 110 | 3,890 (52.2) | 3,780 (56.9) | 3,500 (60.7) | 3,360 (62.5) |
| 115 | 3,440 (49.2) | 3,390 (54.3) | 3,280 (58.5) | 3,100 (60.4) |
| 120 | 2,980 (45.8) | 2,940 (51.6) | 2,880 (56.1) | 2,760 (58.2) |
| 125 | 2,560 (42.2) | 2,520 (48.7) | 2,460 (53.7) | 2,400 (56) |
| 130 | 2,160 (37) | 2,130 (45.6) | 2,080 (51.1) | 2,020 (53.6) |
| 135 | | 1,770 (42.3) | 1,730 (48.4) | 1,660 (51.1) |
| 140 | | 1,440 (37.4) | 1,400 (45.5) | 1,340 (48.5) |
| 145 | | | 1,100 (42.4) | 1,040 (45.7) |
| 150 | | | 810 (37.8) | 760 (42.7) |
| Min. boom angle for indicated length (no load) | 36° | 36.4° | 36.8° | 41.7° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131243_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITH 11,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR

| Radius in Feet | #2026 or #2028 or #2030 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 120,000 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 107,000 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 96,150 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 86,250 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 74,500 (57.8) | 49,600 (67.8) | 49,600 (73.1) | 46,700 (76.5) | 39,700 (78.9) | | | | | | |
| 20 | 60,100 (46.4) | 49,600 (60.5) | 49,600 (68.3) | 42,050 (72.7) | 36,100 (75.7) | 30,250 (77.8) | 23,550 (79.7) | | | | |
| 25 | 37,450 (30) | 47,300 (52.4) | 45,850 (62.7) | 38,150 (68.7) | 32,950 (72.5) | 27,400 (75.1) | 21,150 (77.3) | 18,600 (79) | | | |
| 30 | | 37,650 (43.1) | 38,150 (56.6) | 34,950 (64.3) | 30,250 (69.1) | 24,700 (72.3) | 19,100 (74.9) | 16,950 (76.8) | 14,500 (78.4) | 11,300 (79.7) | |
| 35 | | 27,400 (29.8) | 31,350 (49.8) | 31,700 (59.3) | 27,950 (65.5) | 22,350 (69.4) | 17,250 (72.4) | 15,450 (74.6) | 13,900 (76.5) | 11,300 (78) | 10,050 (78.8) |
| 40 | | | 26,250 (42.1) | 26,600 (53.9) | 25,950 (61.2) | 20,300 (66.4) | 15,700 (69.8) | 14,150 (72.4) | 12,800 (74.5) | 11,300 (76.2) | 10,050 (77.1) |
| 45 | | | 22,250 (31.5) | 22,450 (48.1) | 22,600 (56.8) | 18,600 (62.8) | 14,350 (67.1) | 12,950 (70.1) | 11,750 (72.5) | 10,700 (74.4) | 10,050 (75.4) |
| 50 | | | 13,100 (15.9) | 18,850 (41.6) | 19,000 (52.1) | 17,100 (59) | 13,200 (64) | 11,900 (67.8) | 10,850 (70.4) | 9,930 (72.6) | 9,470 (73.6) |
| 55 | | | | 15,950 (32.7) | 16,100 (47) | 15,800 (55) | 12,150 (60.7) | 11,000 (65) | 10,000 (68.3) | 9,200 (70.7) | 8,780 (71.8) |
| 60 | | | | 12,000 (21) | 13,800 (41.3) | 13,950 (50.7) | 11,250 (57.2) | 10,150 (62.1) | 9,300 (65.9) | 8,540 (68.8) | 8,160 (70) |
| 65 | | | | | 11,950 (33.6) | 12,050 (46.2) | 10,450 (53.6) | 9,460 (59.1) | 8,640 (63.3) | 7,940 (66.7) | 7,590 (68.1) |
| 70 | | | | | 10,450 (24.1) | 10,550 (41.2) | 9,760 (49.7) | 8,800 (55.9) | 8,030 (60.6) | 7,380 (64.3) | 7,070 (66) |
| 75 | | | | | 5,400 (8.3) | 9,250 (34.3) | 9,120 (45.6) | 8,210 (52.6) | 7,460 (57.7) | 6,840 (61.8) | 6,550 (63.7) |
| 80 | | | | | | 8,130 (26.3) | 8,180 (41.1) | 7,580 (49.1) | 6,840 (54.8) | 6,260 (59.3) | 5,980 (61.3) |
| 85 | | | | | | 5,950 (15.3) | 7,200 (35) | 6,990 (45.3) | 6,290 (51.7) | 5,720 (56.7) | 5,460 (58.8) |
| 90 | | | | | | | 6,350 (27.9) | 6,400 (41.2) | 5,780 (48.5) | 5,240 (53.9) | 4,990 (56.3) |
| 95 | | | | | | | 5,590 (19) | 5,650 (35.6) | 5,310 (45) | 4,790 (51.1) | 4,550 (53.7) |
| 100 | | | | | | | | 4,980 (29.3) | 4,880 (41.2) | 4,380 (48) | 4,150 (50.9) |
| 105 | | | | | | | | 4,380 (21.7) | 4,410 (36.1) | 4,000 (44.8) | 3,730 (48) |
| 110 | | | | | | | | 2,440 (10.7) | 3,870 (30.3) | 3,640 (41.3) | 3,340 (45) |
| 115 | | | | | | | | | 3,390 (23.7) | 3,320 (36.5) | 2,980 (41.6) |
| 120 | | | | | | | | | 2,590 (15.1) | 2,960 (31.3) | 2,650 (37) |
| 125 | | | | | | | | | | 2,560 (25.4) | 2,350 (32.1) |
| 130 | | | | | | | | | | 2,190 (18.1) | 2,070 (26.5) |
| 135 | | | | | | | | | | | 1,800 (19.9) |
| 140 | | | | | | | | | | | 720 (10.5) |
| Min. boom angle for indicated length (no load) | | | | | | | | 9.5° | 9.5° | 9.5° | 9.5° |
| Max. boom length at 0° boom angle (no load) | | | | | | | | 107.6 ft. | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|------------------|-----------------|-----------------|-----------------|-----------------|---------------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 14,400 (28.3) | 10,000 (39.5) | 6,570 (51.5) | 4,360 (63.5) | 2,820 (75.5) | 1,690 (87.5) | 820 (99.5) | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 2,650 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 2,850 | 2,550 | 2,550 | 2,550 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 3,850 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131206

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 11,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #2040 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 7,720 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 7,720 (75.2) | 6,370 (76.6) | 5,200 (77.8) | 4,420 (78.5) |
| 50 | 7,670 (73.5) | 6,370 (75.1) | 5,200 (76.4) | 4,420 (77.1) |
| 55 | 7,260 (71.8) | 6,370 (73.6) | 5,200 (75) | 4,420 (75.8) |
| 60 | 6,880 (70.1) | 6,370 (72) | 5,200 (73.6) | 4,420 (74.4) |
| 65 | 6,520 (68.4) | 6,260 (70.5) | 5,200 (72.2) | 4,420 (73.1) |
| 70 | 6,180 (66.6) | 5,960 (68.8) | 5,200 (70.7) | 4,420 (71.7) |
| 75 | 5,870 (64.4) | 5,690 (67.2) | 5,200 (69.2) | 4,420 (70.3) |
| 80 | 5,580 (62.1) | 5,400 (65.2) | 4,990 (67.7) | 4,420 (68.8) |
| 85 | 5,310 (59.8) | 5,060 (63.2) | 4,680 (65.9) | 4,420 (67.3) |
| 90 | 5,070 (57.4) | 4,750 (61) | 4,380 (64) | 4,200 (65.5) |
| 95 | 4,830 (54.9) | 4,450 (58.8) | 4,100 (62.1) | 3,930 (63.7) |
| 100 | 4,540 (52.4) | 4,170 (56.6) | 3,840 (60) | 3,670 (61.8) |
| 105 | 4,270 (49.7) | 3,920 (54.3) | 3,600 (58) | 3,430 (59.8) |
| 110 | 4,020 (46.9) | 3,680 (51.9) | 3,370 (55.9) | 3,070 (57.8) |
| 115 | 3,790 (44) | 3,450 (49.4) | 3,150 (53.7) | 2,730 (55.7) |
| 120 | 3,570 (40.8) | 3,240 (46.7) | 2,900 (51.4) | 2,420 (53.6) |
| 125 | 3,210 (36.3) | 3,030 (44) | 2,640 (49.1) | 2,130 (51.4) |
| 130 | 2,840 (31.5) | 2,720 (40.9) | 2,400 (46.6) | 1,870 (49.2) |
| 135 | 2,510 (26.2) | 2,380 (36.8) | 2,170 (44) | 1,630 (46.8) |
| 140 | 2,210 (20) | 2,070 (32.3) | 1,950 (41.2) | 1,400 (44.3) |
| 145 | 1,320 (11.7) | 1,790 (27.4) | 1,660 (37.2) | 1,190 (41.6) |
| 150 | | 1,540 (21.8) | 1,400 (33) | 990 (37.8) |
| 155 | | 1,240 (14.9) | 1,160 (28.5) | 810 (33.7) |
| 160 | | | 940 (23.4) | 640 (29.3) |
| 165 | | | 740 (17.3) | |
| Min. boom angle for indicated length (no load) | 10.7° | 13.9° | 16.3° | 28.3° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131244_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
2. For boom angles not shown, use the rating of the next lower boom angle.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
4. Capacities listed are with outriggers properly extended and vertical jacks set only.

WARNING: Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 11,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #2045 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,730 (77.8) | | | |
| 50 | 6,540 (76.2) | 6,400 (77.6) | | |
| 55 | 6,360 (74.5) | 6,150 (76.1) | 5,590 (77.4) | 4,940 (78) |
| 60 | 6,100 (72.8) | 5,880 (74.5) | 5,590 (75.9) | 4,940 (76.7) |
| 65 | 5,810 (71) | 5,620 (72.9) | 5,370 (74.5) | 4,940 (75.3) |
| 70 | 5,550 (69.2) | 5,380 (71.3) | 5,160 (73) | 4,940 (73.9) |
| 75 | 5,300 (67.4) | 5,150 (69.6) | 4,960 (71.6) | 4,840 (72.5) |
| 80 | 5,070 (65.3) | 4,930 (68) | 4,760 (70) | 4,660 (71.1) |
| 85 | 4,860 (63) | 4,730 (66.1) | 4,580 (68.5) | 4,480 (69.6) |
| 90 | 4,660 (60.6) | 4,550 (64) | 4,400 (66.9) | 4,250 (68.1) |
| 95 | 4,480 (58.1) | 4,370 (61.8) | 4,150 (64.9) | 3,980 (66.4) |
| 100 | 4,310 (55.6) | 4,200 (59.5) | 3,890 (62.9) | 3,730 (64.5) |
| 105 | 4,150 (52.9) | 3,950 (57.2) | 3,650 (60.8) | 3,500 (62.5) |
| 110 | 4,010 (50.1) | 3,710 (54.8) | 3,420 (58.7) | 3,270 (60.5) |
| 115 | 3,810 (47.1) | 3,490 (52.3) | 3,200 (56.5) | 2,940 (58.4) |
| 120 | 3,600 (43.9) | 3,280 (49.7) | 3,000 (54.2) | 2,610 (56.3) |
| 125 | 3,400 (40.3) | 3,080 (46.9) | 2,810 (51.8) | 2,320 (54.1) |
| 130 | 3,010 (35.2) | 2,900 (43.9) | 2,560 (49.3) | 2,040 (51.8) |
| 135 | 2,650 (29.6) | 2,570 (40.5) | 2,320 (46.7) | 1,780 (49.4) |
| 140 | 2,310 (23) | 2,240 (35.8) | 2,090 (43.9) | 1,550 (46.9) |
| 145 | | 1,930 (30.6) | 1,840 (40.7) | 1,320 (44.2) |
| 150 | | 1,640 (24.7) | 1,560 (36.3) | 1,110 (41.1) |
| 155 | | 1,370 (17.3) | 1,290 (31.5) | 910 (36.9) |
| 160 | | | 1,040 (26.1) | 730 (32.3) |
| 165 | | | 810 (19.7) | 550 (27.2) |
| Min. boom angle for indicated length (no load) | 16.3° | 16.3° | 18.7° | 26.2° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131244_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 11,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #2050 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,530 (76.9) | 5,440 (78.2) | | |
| 60 | 5,420 (75.1) | 5,350 (76.6) | 5,190 (78) | |
| 65 | 5,320 (73.3) | 5,190 (75) | 5,000 (76.5) | 4,870 (77.2) |
| 70 | 5,140 (71.5) | 4,990 (73.4) | 4,810 (75) | 4,700 (75.8) |
| 75 | 4,940 (69.6) | 4,800 (71.7) | 4,640 (73.5) | 4,540 (74.3) |
| 80 | 4,760 (67.7) | 4,630 (70) | 4,470 (72) | 4,380 (72.9) |
| 85 | 4,580 (65.5) | 4,460 (68.2) | 4,320 (70.4) | 4,230 (71.4) |
| 90 | 4,420 (63.1) | 4,310 (66.4) | 4,170 (68.8) | 4,090 (69.9) |
| 95 | 4,270 (60.6) | 4,160 (64.1) | 4,030 (67.1) | 3,960 (68.3) |
| 100 | 4,130 (57.9) | 4,020 (61.8) | 3,900 (65) | 3,820 (66.6) |
| 105 | 4,010 (55.2) | 3,900 (59.4) | 3,730 (62.9) | 3,580 (64.6) |
| 110 | 3,890 (52.2) | 3,780 (56.9) | 3,500 (60.7) | 3,360 (62.5) |
| 115 | 3,780 (49.2) | 3,550 (54.3) | 3,280 (58.5) | 3,100 (60.4) |
| 120 | 3,650 (45.8) | 3,340 (51.6) | 3,070 (56.1) | 2,760 (58.2) |
| 125 | 3,440 (42.2) | 3,140 (48.7) | 2,880 (53.7) | 2,450 (56) |
| 130 | 3,110 (37) | 2,950 (45.6) | 2,690 (51.1) | 2,170 (53.6) |
| 135 | | 2,690 (42.3) | 2,440 (48.4) | 1,900 (51.1) |
| 140 | | 2,330 (37.4) | 2,190 (45.5) | 1,640 (48.5) |
| 145 | | | 1,960 (42.4) | 1,410 (45.7) |
| 150 | | | 1,640 (37.8) | 1,180 (42.7) |
| 155 | | | | 970 (38.4) |
| Min. boom angle for indicated length (no load) | 36° | 36.4° | 36.8° | 37.4° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131244_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITH 11,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

| Radius in Feet | #2401 or #2403 or #2405 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 120,000 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 107,000 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 96,400 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 85,200 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 70,550 (57.8) | 49,600 (67.8) | 49,600 (73.1) | 46,700 (76.5) | 39,700 (78.9) | | | | | | |
| 20 | 41,950 (46.4) | 41,700 (60.5) | 40,050 (68.3) | 38,500 (72.7) | 36,100 (75.7) | 30,250 (77.8) | 23,550 (79.7) | | | | |
| 25 | 27,100 (30) | 28,150 (52.4) | 28,550 (62.7) | 27,700 (68.7) | 26,850 (72.5) | 26,000 (75.1) | 21,150 (77.3) | 18,600 (79) | | | |
| 30 | | 20,100 (43.1) | 20,600 (56.6) | 20,950 (64.3) | 20,450 (69.1) | 19,950 (72.3) | 19,100 (74.9) | 16,950 (76.8) | 14,500 (78.4) | 11,300 (79.7) | |
| 35 | | 14,850 (29.8) | 15,450 (49.8) | 15,750 (59.3) | 15,950 (65.5) | 15,750 (69.4) | 15,400 (72.4) | 15,050 (74.6) | 13,900 (76.5) | 11,300 (78) | 10,050 (78.8) |
| 40 | | | 11,900 (42.1) | 12,200 (53.9) | 12,350 (61.2) | 12,500 (66.4) | 12,400 (69.8) | 12,150 (72.4) | 11,900 (74.5) | 11,300 (76.2) | 10,050 (77.1) |
| 45 | | | 9,290 (31.5) | 9,670 (48.1) | 9,850 (56.8) | 9,990 (62.8) | 10,050 (67.1) | 9,960 (70.1) | 9,760 (72.5) | 9,550 (74.4) | 9,370 (75.4) |
| 50 | | | 7,250 (15.9) | 7,660 (41.6) | 7,850 (52.1) | 7,990 (59) | 8,070 (64) | 8,140 (67.8) | 8,040 (70.4) | 7,870 (72.6) | 7,720 (73.6) |
| 55 | | | | 6,050 (32.7) | 6,280 (47) | 6,410 (55) | 6,490 (60.7) | 6,560 (65) | 6,610 (68.3) | 6,500 (70.7) | 6,360 (71.8) |
| 60 | | | | 4,750 (21) | 4,990 (41.3) | 5,140 (50.7) | 5,210 (57.2) | 5,280 (62.1) | 5,330 (65.9) | 5,350 (68.8) | 5,230 (70) |
| 65 | | | | | 3,910 (33.6) | 4,090 (46.2) | 4,160 (53.6) | 4,230 (59.1) | 4,280 (63.3) | 4,300 (66.7) | 4,250 (68.1) |
| 70 | | | | | 3,010 (24.1) | 3,190 (41.2) | 3,290 (49.7) | 3,350 (55.9) | 3,390 (60.6) | 3,410 (64.3) | 3,370 (66) |
| 75 | | | | | 2,260 (8.3) | 2,420 (34.3) | 2,540 (45.6) | 2,600 (52.6) | 2,640 (57.7) | 2,660 (61.8) | 2,620 (63.7) |
| 80 | | | | | | 1,760 (26.3) | 1,870 (41.1) | 1,960 (49.1) | 2,000 (54.8) | 2,020 (59.3) | 1,980 (61.3) |
| 85 | | | | | | 1,200 (15.3) | 1,300 (35) | 1,390 (45.3) | 1,440 (51.7) | 1,460 (56.7) | 1,410 (58.8) |
| 90 | | | | | | | 790 (27.9) | 890 (41.2) | 950 (48.5) | 960 (53.9) | 920 (56.3) |
| 95 | | | | | | | | | 510 (45) | 530 (51.1) | |
| Min. boom angle for indicated length (no load) | | | | | | | 26.9° | 40.2° | 44° | 50.1° | 55.3° |
| Max. boom length at 0° boom angle (no load) | | | | | | | 95.6 ft. | | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|------------------|-----------------|-----------------|-----------------|---------------|-------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 14,400 (28.3) | 10,000 (39.5) | 6,570 (51.5) | 4,000 (63.5) | 2,200 (75.5) | 960 (87.5) | | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 4,300 | 2,800 | 2,650 | 2,500 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 3,900 | 2,800 | 2,650 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 6,000 | 3,950 | 3,700 | 3,550 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131208

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 11,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #2415 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 7,720 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 7,720 (75.2) | 6,370 (76.6) | 5,200 (77.8) | 4,420 (78.5) |
| 50 | 7,670 (73.5) | 6,370 (75.1) | 5,200 (76.4) | 4,420 (77.1) |
| 55 | 7,040 (71.8) | 6,370 (73.6) | 5,200 (75) | 4,420 (75.8) |
| 60 | 5,920 (70.1) | 5,660 (72) | 5,200 (73.6) | 4,420 (74.4) |
| 65 | 4,910 (68.4) | 4,740 (70.5) | 4,500 (72.2) | 4,340 (73.1) |
| 70 | 4,030 (66.6) | 3,910 (68.8) | 3,720 (70.7) | 3,560 (71.7) |
| 75 | 3,280 (64.4) | 3,160 (67.2) | 3,040 (69.2) | 2,890 (70.3) |
| 80 | 2,640 (62.1) | 2,520 (65.2) | 2,400 (67.7) | 2,300 (68.8) |
| 85 | 2,080 (59.8) | 1,960 (63.2) | 1,850 (65.9) | 1,750 (67.3) |
| 90 | 1,580 (57.4) | 1,470 (61) | 1,350 (64) | 1,260 (65.5) |
| 95 | 1,150 (54.9) | 1,030 (58.8) | 920 (62.1) | 830 (63.7) |
| 100 | 770 (52.4) | 650 (56.6) | 540 (60) | |
| Min. boom angle for indicated length (no load) | 51.4° | 55.6° | 59° | 62.7° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131246_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 11,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #2420 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,730 (77.8) | | | |
| 50 | 6,540 (76.2) | 6,400 (77.6) | | |
| 55 | 6,360 (74.5) | 6,150 (76.1) | 5,590 (77.4) | 4,940 (78) |
| 60 | 6,100 (72.8) | 5,880 (74.5) | 5,590 (75.9) | 4,940 (76.7) |
| 65 | 5,650 (71) | 5,490 (72.9) | 5,270 (74.5) | 4,940 (75.3) |
| 70 | 4,700 (69.2) | 4,600 (71.3) | 4,430 (73) | 4,280 (73.9) |
| 75 | 3,880 (67.4) | 3,790 (69.6) | 3,690 (71.6) | 3,550 (72.5) |
| 80 | 3,180 (65.3) | 3,090 (68) | 3,000 (70) | 2,910 (71.1) |
| 85 | 2,570 (63) | 2,480 (66.1) | 2,390 (68.5) | 2,310 (69.6) |
| 90 | 2,030 (60.6) | 1,940 (64) | 1,860 (66.9) | 1,770 (68.1) |
| 95 | 1,560 (58.1) | 1,470 (61.8) | 1,380 (64.9) | 1,300 (66.4) |
| 100 | 1,140 (55.6) | 1,050 (59.5) | 960 (62.9) | 880 (64.5) |
| 105 | 760 (52.9) | 670 (57.2) | 580 (60.8) | 500 (62.5) |
| Min. boom angle for indicated length (no load) | 51.9° | 56.2° | 59.8° | 61.5° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131246_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 11,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #2425 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,530 (76.9) | 5,440 (78.2) | | |
| 60 | 5,420 (75.1) | 5,350 (76.6) | 5,190 (78) | |
| 65 | 5,320 (73.3) | 5,190 (75) | 5,000 (76.5) | 4,870 (77.2) |
| 70 | 5,140 (71.5) | 4,990 (73.4) | 4,810 (75) | 4,700 (75.8) |
| 75 | 4,410 (69.6) | 4,340 (71.7) | 4,260 (73.5) | 4,140 (74.3) |
| 80 | 3,650 (67.7) | 3,590 (70) | 3,520 (72) | 3,440 (72.9) |
| 85 | 2,990 (65.5) | 2,930 (68.2) | 2,860 (70.4) | 2,790 (71.4) |
| 90 | 2,410 (63.1) | 2,350 (66.4) | 2,280 (68.8) | 2,210 (69.9) |
| 95 | 1,890 (60.6) | 1,840 (64.1) | 1,770 (67.1) | 1,700 (68.3) |
| 100 | 1,430 (57.9) | 1,380 (61.8) | 1,310 (65) | 1,250 (66.6) |
| 105 | 1,020 (55.2) | 960 (59.4) | 900 (62.9) | 840 (64.6) |
| 110 | 640 (52.2) | 590 (56.9) | 530 (60.7) | |
| Min. boom angle for indicated length (no load) | 51.2° | 55.9° | 59.7° | 63.6° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131246_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITH 11,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 0° EXTENDED - 360°

| Radius in Feet | #2801 or #2803 or #2805 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 89,200 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 63,350 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 46,500 (67.6) | 43,700 (73.9) | 40,900 (77.7) | | | | | | | | |
| 12 | 36,000 (63.8) | 34,350 (71.5) | 32,600 (75.9) | 30,900 (78.7) | | | | | | | |
| 15 | 26,000 (57.8) | 25,300 (67.8) | 24,400 (73.1) | 23,400 (76.5) | 22,350 (78.9) | | | | | | |
| 20 | 16,000 (46.4) | 16,500 (60.5) | 16,200 (68.3) | 15,750 (72.7) | 15,200 (75.7) | 14,700 (77.8) | 14,150 (79.7) | | | | |
| 25 | 10,000 (30) | 11,100 (52.4) | 11,300 (62.7) | 11,100 (68.7) | 10,800 (72.5) | 10,550 (75.1) | 10,200 (77.3) | 9,910 (79) | | | |
| 30 | | 7,390 (43.1) | 8,010 (56.6) | 8,020 (64.3) | 7,860 (69.1) | 7,690 (72.3) | 7,480 (74.9) | 7,270 (76.8) | 7,060 (78.4) | 6,830 (79.7) | |
| 35 | | 4,840 (29.8) | 5,490 (49.8) | 5,760 (59.3) | 5,710 (65.5) | 5,610 (69.4) | 5,470 (72.4) | 5,330 (74.6) | 5,190 (76.5) | 5,020 (78) | 4,870 (78.8) |
| 40 | | | 3,630 (42.1) | 4,020 (53.9) | 4,080 (61.2) | 4,030 (66.4) | 3,940 (69.8) | 3,850 (72.4) | 3,740 (74.5) | 3,620 (76.2) | 3,490 (77.1) |
| 45 | | | 2,230 (31.5) | 2,620 (48.1) | 2,760 (56.8) | 2,790 (62.8) | 2,730 (67.1) | 2,670 (70.1) | 2,600 (72.5) | 2,500 (74.4) | 2,390 (75.4) |
| 50 | | | 1,140 (15.9) | 1,520 (41.6) | 1,700 (52.1) | 1,770 (59) | 1,760 (64) | 1,720 (67.8) | 1,670 (70.4) | 1,590 (72.6) | 1,490 (73.6) |
| 55 | | | | 630 (32.7) | 830 (47) | 910 (55) | 940 (60.7) | 930 (65) | 890 (68.3) | 840 (70.7) | 750 (71.8) |
| Min. boom angle for indicated length (no load) | | | | 31.7° | 46° | 54° | 59.7° | 64° | 67.3° | 69.7° | 70.8° |
| Max. boom length at 0° boom angle (no load) | | | | 59.6 ft. | | | | | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|-----------------|---------------|------|------|------|-------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 7,420 (28.3) | 3,160 (39.5) | 870 (51.5) | | | | | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 3,950 | 3,650 | 3,450 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 3,500 | 3,200 | 3,000 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 5,450 | 5,000 | 4,650 | 3,300 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131209

RATED LIFTING CAPACITIES IN POUNDS

37 FT. - 151 FT. BOOM

WITH 10,000 LB. COUNTERWEIGHT

ON OUTRIGGERS FULLY EXTENDED - 360°

| Radius in Feet | #3001 or #3003 or #3005 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 120,000 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 101,000 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 88,300 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 78,200 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 66,350 (57.8) | 49,600 (67.8) | 49,600 (73.1) | 46,700 (76.5) | 39,700 (78.9) | | | | | | |
| 20 | 52,400 (46.4) | 49,600 (60.5) | 49,600 (68.3) | 42,050 (72.7) | 36,100 (75.7) | 30,250 (77.8) | 23,550 (79.7) | | | | |
| 25 | 37,450 (30) | 43,550 (52.4) | 44,150 (62.7) | 38,150 (68.7) | 32,950 (72.5) | 27,400 (75.1) | 21,150 (77.3) | 18,600 (79) | | | |
| 30 | | 34,050 (43.1) | 34,800 (56.6) | 34,950 (64.3) | 30,250 (69.1) | 24,700 (72.3) | 19,100 (74.9) | 16,950 (76.8) | 14,500 (78.4) | 11,300 (79.7) | |
| 35 | | 27,350 (29.8) | 28,100 (49.8) | 28,600 (59.3) | 27,950 (65.5) | 22,350 (69.4) | 17,250 (72.4) | 15,450 (74.6) | 13,900 (76.5) | 11,300 (78) | 10,050 (78.8) |
| 40 | | | 23,200 (42.1) | 23,700 (53.9) | 23,850 (61.2) | 20,300 (66.4) | 15,700 (69.8) | 14,150 (72.4) | 12,800 (74.5) | 11,300 (76.2) | 10,050 (77.1) |
| 45 | | | 18,850 (31.5) | 19,150 (48.1) | 19,300 (56.8) | 18,600 (62.8) | 14,350 (67.1) | 12,950 (70.1) | 11,750 (72.5) | 10,700 (74.4) | 10,050 (75.4) |
| 50 | | | 13,100 (15.9) | 15,750 (41.6) | 15,900 (52.1) | 16,000 (59) | 13,200 (64) | 11,900 (67.8) | 10,850 (70.4) | 9,930 (72.6) | 9,470 (73.6) |
| 55 | | | | 13,100 (32.7) | 13,250 (47) | 13,400 (55) | 12,150 (60.7) | 11,000 (65) | 10,000 (68.3) | 9,200 (70.7) | 8,780 (71.8) |
| 60 | | | | 11,100 (21) | 11,200 (41.3) | 11,300 (50.7) | 11,250 (57.2) | 10,150 (62.1) | 9,300 (65.9) | 8,540 (68.8) | 8,160 (70) |
| 65 | | | | | 9,590 (33.6) | 9,720 (46.2) | 9,790 (53.6) | 9,460 (59.1) | 8,640 (63.3) | 7,940 (66.7) | 7,590 (68.1) |
| 70 | | | | | 8,200 (24.1) | 8,310 (41.2) | 8,380 (49.7) | 8,450 (55.9) | 8,030 (60.6) | 7,380 (64.3) | 7,070 (66) |
| 75 | | | | | 5,400 (8.3) | 7,140 (34.3) | 7,200 (45.6) | 7,270 (52.6) | 7,310 (57.7) | 6,840 (61.8) | 6,550 (63.7) |
| 80 | | | | | | 6,140 (26.3) | 6,200 (41.1) | 6,260 (49.1) | 6,300 (54.8) | 6,260 (59.3) | 5,980 (61.3) |
| 85 | | | | | | 5,290 (15.3) | 5,330 (35) | 5,390 (45.3) | 5,430 (51.7) | 5,450 (56.7) | 5,400 (58.8) |
| 90 | | | | | | | 4,580 (27.9) | 4,630 (41.2) | 4,670 (48.5) | 4,690 (53.9) | 4,640 (56.3) |
| 95 | | | | | | | 3,930 (19) | 3,970 (35.6) | 4,010 (45) | 4,020 (51.1) | 3,980 (53.7) |
| 100 | | | | | | | | 3,390 (29.3) | 3,420 (41.2) | 3,430 (48) | 3,390 (50.9) |
| 105 | | | | | | | | 2,870 (21.7) | 2,900 (36.1) | 2,910 (44.8) | 2,860 (48) |
| 110 | | | | | | | | 2,420 (10.7) | 2,430 (30.3) | 2,440 (41.3) | 2,390 (45) |
| 115 | | | | | | | | | 2,010 (23.7) | 2,010 (36.5) | 1,970 (41.6) |
| 120 | | | | | | | | | 1,640 (15.1) | 1,630 (31.3) | 1,580 (37) |
| 125 | | | | | | | | | | 1,280 (25.4) | 1,230 (32.1) |
| 130 | | | | | | | | | | 970 (18.1) | 920 (26.5) |
| 135 | | | | | | | | | | | 630 (19.9) |
| Min. boom angle for indicated length (no load) | | | | | | | | 9.7° | 14.1° | 17.1° | 18.9° |
| Max. boom length at 0° boom angle (no load) | | | | | | | | 107.6 ft. | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|------------|--------------------------|------------------|-----------------|-----------------|-----------------|-----------------|---------------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 14,400 (28.3) | 10,000 (39.5) | 6,570 (51.5) | 4,360 (63.5) | 2,820 (75.5) | 1,690 (87.5) | 820 (99.5) | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36° lattice | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26° tele. | 2,650 | 2,550 | 2,550 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45° tele. | 3,400 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 |

80131299

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 10,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #3015 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 7,720 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 7,720 (75.2) | 6,370 (76.6) | 5,200 (77.8) | 4,420 (78.5) |
| 50 | 7,670 (73.5) | 6,370 (75.1) | 5,200 (76.4) | 4,420 (77.1) |
| 55 | 7,260 (71.8) | 6,370 (73.6) | 5,200 (75) | 4,420 (75.8) |
| 60 | 6,880 (70.1) | 6,370 (72) | 5,200 (73.6) | 4,420 (74.4) |
| 65 | 6,520 (68.4) | 6,260 (70.5) | 5,200 (72.2) | 4,420 (73.1) |
| 70 | 6,180 (66.6) | 5,960 (68.8) | 5,200 (70.7) | 4,420 (71.7) |
| 75 | 5,870 (64.4) | 5,690 (67.2) | 5,200 (69.2) | 4,420 (70.3) |
| 80 | 5,580 (62.1) | 5,400 (65.2) | 4,990 (67.7) | 4,420 (68.8) |
| 85 | 5,310 (59.8) | 5,060 (63.2) | 4,680 (65.9) | 4,420 (67.3) |
| 90 | 5,070 (57.4) | 4,750 (61) | 4,380 (64) | 4,200 (65.5) |
| 95 | 4,700 (54.9) | 4,450 (58.8) | 4,100 (62.1) | 3,930 (63.7) |
| 100 | 4,110 (52.4) | 3,990 (56.6) | 3,840 (60) | 3,670 (61.8) |
| 105 | 3,580 (49.7) | 3,460 (54.3) | 3,340 (58) | 3,250 (59.8) |
| 110 | 3,110 (46.9) | 2,990 (51.9) | 2,870 (55.9) | 2,770 (57.8) |
| 115 | 2,680 (44) | 2,560 (49.4) | 2,440 (53.7) | 2,350 (55.7) |
| 120 | 2,300 (40.8) | 2,180 (46.7) | 2,060 (51.4) | 1,960 (53.6) |
| 125 | 1,950 (36.3) | 1,830 (44) | 1,710 (49.1) | 1,610 (51.4) |
| 130 | 1,640 (31.5) | 1,510 (40.9) | 1,390 (46.6) | 1,290 (49.2) |
| 135 | 1,350 (26.2) | 1,220 (36.8) | 1,100 (44) | 1,000 (46.8) |
| 140 | 1,090 (20) | 950 (32.3) | 830 (41.2) | 730 (44.3) |
| 145 | 870 (11.7) | 710 (27.4) | 580 (37.2) | |
| Min. boom angle for indicated length (no load) | 10.7° | 26.4° | 36.2° | 43.3° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80132634_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 10,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #3020 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,730 (77.8) | | | |
| 50 | 6,540 (76.2) | 6,400 (77.6) | | |
| 55 | 6,360 (74.5) | 6,150 (76.1) | 5,590 (77.4) | 4,940 (78) |
| 60 | 6,100 (72.8) | 5,880 (74.5) | 5,590 (75.9) | 4,940 (76.7) |
| 65 | 5,810 (71) | 5,620 (72.9) | 5,370 (74.5) | 4,940 (75.3) |
| 70 | 5,550 (69.2) | 5,380 (71.3) | 5,160 (73) | 4,940 (73.9) |
| 75 | 5,300 (67.4) | 5,150 (69.6) | 4,960 (71.6) | 4,840 (72.5) |
| 80 | 5,070 (65.3) | 4,930 (68) | 4,760 (70) | 4,660 (71.1) |
| 85 | 4,860 (63) | 4,730 (66.1) | 4,580 (68.5) | 4,480 (69.6) |
| 90 | 4,660 (60.6) | 4,550 (64) | 4,400 (66.9) | 4,250 (68.1) |
| 95 | 4,480 (58.1) | 4,370 (61.8) | 4,150 (64.9) | 3,980 (66.4) |
| 100 | 4,310 (55.6) | 4,200 (59.5) | 3,890 (62.9) | 3,730 (64.5) |
| 105 | 3,920 (52.9) | 3,830 (57.2) | 3,650 (60.8) | 3,500 (62.5) |
| 110 | 3,410 (50.1) | 3,330 (54.8) | 3,240 (58.7) | 3,150 (60.5) |
| 115 | 2,960 (47.1) | 2,870 (52.3) | 2,780 (56.5) | 2,700 (58.4) |
| 120 | 2,540 (43.9) | 2,450 (49.7) | 2,360 (54.2) | 2,280 (56.3) |
| 125 | 2,160 (40.3) | 2,070 (46.9) | 1,990 (51.8) | 1,910 (54.1) |
| 130 | 1,810 (35.2) | 1,730 (43.9) | 1,640 (49.3) | 1,560 (51.8) |
| 135 | 1,490 (29.6) | 1,410 (40.5) | 1,320 (46.7) | 1,240 (49.4) |
| 140 | 1,200 (23) | 1,120 (35.8) | 1,030 (43.9) | 950 (46.9) |
| 145 | | 840 (30.6) | 760 (40.7) | 680 (44.2) |
| 150 | | 590 (24.7) | 510 (36.3) | |
| Min. boom angle for indicated length (no load) | 22° | 23.7° | 35.3° | 43.2° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80132634_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 10,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #3025 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,530 (76.9) | 5,440 (78.2) | | |
| 60 | 5,420 (75.1) | 5,350 (76.6) | 5,190 (78) | |
| 65 | 5,320 (73.3) | 5,190 (75) | 5,000 (76.5) | 4,870 (77.2) |
| 70 | 5,140 (71.5) | 4,990 (73.4) | 4,810 (75) | 4,700 (75.8) |
| 75 | 4,940 (69.6) | 4,800 (71.7) | 4,640 (73.5) | 4,540 (74.3) |
| 80 | 4,760 (67.7) | 4,630 (70) | 4,470 (72) | 4,380 (72.9) |
| 85 | 4,580 (65.5) | 4,460 (68.2) | 4,320 (70.4) | 4,230 (71.4) |
| 90 | 4,420 (63.1) | 4,310 (66.4) | 4,170 (68.8) | 4,090 (69.9) |
| 95 | 4,270 (60.6) | 4,160 (64.1) | 4,030 (67.1) | 3,960 (68.3) |
| 100 | 4,130 (57.9) | 4,020 (61.8) | 3,900 (65) | 3,820 (66.6) |
| 105 | 4,010 (55.2) | 3,900 (59.4) | 3,730 (62.9) | 3,580 (64.6) |
| 110 | 3,650 (52.2) | 3,590 (56.9) | 3,500 (60.7) | 3,360 (62.5) |
| 115 | 3,150 (49.2) | 3,110 (54.3) | 3,050 (58.5) | 2,980 (60.4) |
| 120 | 2,700 (45.8) | 2,660 (51.6) | 2,600 (56.1) | 2,540 (58.2) |
| 125 | 2,290 (42.2) | 2,250 (48.7) | 2,200 (53.7) | 2,130 (56) |
| 130 | 1,910 (37) | 1,880 (45.6) | 1,830 (51.1) | 1,760 (53.6) |
| 135 | | 1,530 (42.3) | 1,490 (48.4) | 1,420 (51.1) |
| 140 | | 1,210 (37.4) | 1,170 (45.5) | 1,110 (48.5) |
| 145 | | | 870 (42.4) | 820 (45.7) |
| 150 | | | 600 (37.8) | 540 (42.7) |
| Min. boom angle for indicated length (no load) | 36° | 36.4° | 36.8° | 41.7° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80132634_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITH 10,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR

| Radius in Feet | #3026 or #3028 or #3030 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 120,000 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 107,000 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 96,050 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 86,200 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 74,400 (57.8) | 49,600 (67.8) | 49,600 (73.1) | 46,700 (76.5) | 39,700 (78.9) | | | | | | |
| 20 | 60,050 (46.4) | 49,600 (60.5) | 49,600 (68.3) | 42,050 (72.7) | 36,100 (75.7) | 30,250 (77.8) | 23,550 (79.7) | | | | |
| 25 | 37,450 (30) | 46,550 (52.4) | 45,850 (62.7) | 38,150 (68.7) | 32,950 (72.5) | 27,400 (75.1) | 21,150 (77.3) | 18,600 (79) | | | |
| 30 | | 37,050 (43.1) | 37,550 (56.6) | 34,950 (64.3) | 30,250 (69.1) | 24,700 (72.3) | 19,100 (74.9) | 16,950 (76.8) | 14,500 (78.4) | 11,300 (79.7) | |
| 35 | | 27,400 (29.8) | 30,800 (49.8) | 31,150 (59.3) | 27,950 (65.5) | 22,350 (69.4) | 17,250 (72.4) | 15,450 (74.6) | 13,900 (76.5) | 11,300 (78) | 10,050 (78.8) |
| 40 | | | 25,800 (42.1) | 26,150 (53.9) | 25,950 (61.2) | 20,300 (66.4) | 15,700 (69.8) | 14,150 (72.4) | 12,800 (74.5) | 11,300 (76.2) | 10,050 (77.1) |
| 45 | | | 21,450 (31.5) | 21,750 (48.1) | 21,900 (56.8) | 18,600 (62.8) | 14,350 (67.1) | 12,950 (70.1) | 11,750 (72.5) | 10,700 (74.4) | 10,050 (75.4) |
| 50 | | | 13,100 (15.9) | 18,150 (41.6) | 18,300 (52.1) | 17,100 (59) | 13,200 (64) | 11,900 (67.8) | 10,850 (70.4) | 9,930 (72.6) | 9,470 (73.6) |
| 55 | | | | 15,350 (32.7) | 15,500 (47) | 15,600 (55) | 12,150 (60.7) | 11,000 (65) | 10,000 (68.3) | 9,200 (70.7) | 8,780 (71.8) |
| 60 | | | | 12,000 (21) | 13,250 (41.3) | 13,350 (50.7) | 11,250 (57.2) | 10,150 (62.1) | 9,300 (65.9) | 8,540 (68.8) | 8,160 (70) |
| 65 | | | | | 11,450 (33.6) | 11,550 (46.2) | 10,450 (53.6) | 9,460 (59.1) | 8,640 (63.3) | 7,940 (66.7) | 7,590 (68.1) |
| 70 | | | | | 10,000 (24.1) | 10,100 (41.2) | 9,760 (49.7) | 8,800 (55.9) | 8,030 (60.6) | 7,380 (64.3) | 7,070 (66) |
| 75 | | | | | 5,400 (8.3) | 8,830 (34.3) | 8,890 (45.6) | 8,210 (52.6) | 7,460 (57.7) | 6,840 (61.8) | 6,550 (63.7) |
| 80 | | | | | | 7,730 (26.3) | 7,790 (41.1) | 7,580 (49.1) | 6,840 (54.8) | 6,260 (59.3) | 5,980 (61.3) |
| 85 | | | | | | 5,950 (15.3) | 6,830 (35) | 6,890 (45.3) | 6,290 (51.7) | 5,720 (56.7) | 5,460 (58.8) |
| 90 | | | | | | | 6,000 (27.9) | 6,050 (41.2) | 5,780 (48.5) | 5,240 (53.9) | 4,990 (56.3) |
| 95 | | | | | | | 5,260 (19) | 5,320 (35.6) | 5,310 (45) | 4,790 (51.1) | 4,550 (53.7) |
| 100 | | | | | | | | 4,670 (29.3) | 4,700 (41.2) | 4,380 (48) | 4,150 (50.9) |
| 105 | | | | | | | | 4,090 (21.7) | 4,120 (36.1) | 4,000 (44.8) | 3,730 (48) |
| 110 | | | | | | | | 2,440 (10.7) | 3,600 (30.3) | 3,600 (41.3) | 3,340 (45) |
| 115 | | | | | | | | | 3,120 (23.7) | 3,130 (36.5) | 2,980 (41.6) |
| 120 | | | | | | | | | 2,590 (15.1) | 2,700 (31.3) | 2,650 (37) |
| 125 | | | | | | | | | | 2,320 (25.4) | 2,270 (32.1) |
| 130 | | | | | | | | | | 1,950 (18.1) | 1,910 (26.5) |
| 135 | | | | | | | | | | | 1,580 (19.9) |
| 140 | | | | | | | | | | | 720 (10.5) |
| Min. boom angle for indicated length (no load) | | | | | | | | 9.5° | 9.5° | 9.5° | 9.5° |
| Max. boom length at 0° boom angle (no load) | | | | | | | | 107.6 ft. | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|------------------|-----------------|-----------------|-----------------|-----------------|---------------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 14,400 (28.3) | 10,000 (39.5) | 6,570 (51.5) | 4,360 (63.5) | 2,820 (75.5) | 1,690 (87.5) | 820 (99.5) | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 2,650 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 2,850 | 2,550 | 2,550 | 2,550 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 3,850 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80132630

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 10,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #3040 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 7,720 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 7,720 (75.2) | 6,370 (76.6) | 5,200 (77.8) | 4,420 (78.5) |
| 50 | 7,670 (73.5) | 6,370 (75.1) | 5,200 (76.4) | 4,420 (77.1) |
| 55 | 7,260 (71.8) | 6,370 (73.6) | 5,200 (75) | 4,420 (75.8) |
| 60 | 6,880 (70.1) | 6,370 (72) | 5,200 (73.6) | 4,420 (74.4) |
| 65 | 6,520 (68.4) | 6,260 (70.5) | 5,200 (72.2) | 4,420 (73.1) |
| 70 | 6,180 (66.6) | 5,960 (68.8) | 5,200 (70.7) | 4,420 (71.7) |
| 75 | 5,870 (64.4) | 5,690 (67.2) | 5,200 (69.2) | 4,420 (70.3) |
| 80 | 5,580 (62.1) | 5,400 (65.2) | 4,990 (67.7) | 4,420 (68.8) |
| 85 | 5,310 (59.8) | 5,060 (63.2) | 4,680 (65.9) | 4,420 (67.3) |
| 90 | 5,070 (57.4) | 4,750 (61) | 4,380 (64) | 4,200 (65.5) |
| 95 | 4,830 (54.9) | 4,450 (58.8) | 4,100 (62.1) | 3,930 (63.7) |
| 100 | 4,540 (52.4) | 4,170 (56.6) | 3,840 (60) | 3,670 (61.8) |
| 105 | 4,270 (49.7) | 3,920 (54.3) | 3,600 (58) | 3,430 (59.8) |
| 110 | 4,020 (46.9) | 3,680 (51.9) | 3,370 (55.9) | 3,070 (57.8) |
| 115 | 3,780 (44) | 3,450 (49.4) | 3,150 (53.7) | 2,730 (55.7) |
| 120 | 3,360 (40.8) | 3,230 (46.7) | 2,900 (51.4) | 2,420 (53.6) |
| 125 | 2,970 (36.3) | 2,840 (44) | 2,640 (49.1) | 2,130 (51.4) |
| 130 | 2,610 (31.5) | 2,490 (40.9) | 2,370 (46.6) | 1,870 (49.2) |
| 135 | 2,290 (26.2) | 2,160 (36.8) | 2,040 (44) | 1,630 (46.8) |
| 140 | 2,000 (20) | 1,860 (32.3) | 1,740 (41.2) | 1,400 (44.3) |
| 145 | 1,320 (11.7) | 1,590 (27.4) | 1,460 (37.2) | 1,190 (41.6) |
| 150 | | 1,340 (21.8) | 1,200 (33) | 990 (37.8) |
| 155 | | 1,110 (14.9) | 970 (28.5) | 810 (33.7) |
| 160 | | | 750 (23.4) | 640 (29.3) |
| 165 | | | 560 (17.3) | |
| Min. boom angle for indicated length (no load) | 10.7° | 13.9° | 16.3° | 28.3° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80132635_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 10,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #3045 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,730 (77.8) | | | |
| 50 | 6,540 (76.2) | 6,400 (77.6) | | |
| 55 | 6,360 (74.5) | 6,150 (76.1) | 5,590 (77.4) | 4,940 (78) |
| 60 | 6,100 (72.8) | 5,880 (74.5) | 5,590 (75.9) | 4,940 (76.7) |
| 65 | 5,810 (71) | 5,620 (72.9) | 5,370 (74.5) | 4,940 (75.3) |
| 70 | 5,550 (69.2) | 5,380 (71.3) | 5,160 (73) | 4,940 (73.9) |
| 75 | 5,300 (67.4) | 5,150 (69.6) | 4,960 (71.6) | 4,840 (72.5) |
| 80 | 5,070 (65.3) | 4,930 (68) | 4,760 (70) | 4,660 (71.1) |
| 85 | 4,860 (63) | 4,730 (66.1) | 4,580 (68.5) | 4,480 (69.6) |
| 90 | 4,660 (60.6) | 4,550 (64) | 4,400 (66.9) | 4,250 (68.1) |
| 95 | 4,480 (58.1) | 4,370 (61.8) | 4,150 (64.9) | 3,980 (66.4) |
| 100 | 4,310 (55.6) | 4,200 (59.5) | 3,890 (62.9) | 3,730 (64.5) |
| 105 | 4,150 (52.9) | 3,950 (57.2) | 3,650 (60.8) | 3,500 (62.5) |
| 110 | 4,010 (50.1) | 3,710 (54.8) | 3,420 (58.7) | 3,270 (60.5) |
| 115 | 3,810 (47.1) | 3,490 (52.3) | 3,200 (56.5) | 2,940 (58.4) |
| 120 | 3,590 (43.9) | 3,280 (49.7) | 3,000 (54.2) | 2,610 (56.3) |
| 125 | 3,170 (40.3) | 3,080 (46.9) | 2,810 (51.8) | 2,320 (54.1) |
| 130 | 2,780 (35.2) | 2,700 (43.9) | 2,560 (49.3) | 2,040 (51.8) |
| 135 | 2,430 (29.6) | 2,350 (40.5) | 2,260 (46.7) | 1,780 (49.4) |
| 140 | 2,100 (23) | 2,020 (35.8) | 1,940 (43.9) | 1,550 (46.9) |
| 145 | | 1,720 (30.6) | 1,640 (40.7) | 1,320 (44.2) |
| 150 | | 1,440 (24.7) | 1,360 (36.3) | 1,110 (41.1) |
| 155 | | 1,180 (17.3) | 1,100 (31.5) | 910 (36.9) |
| 160 | | | 860 (26.1) | 730 (32.3) |
| 165 | | | 630 (19.7) | 550 (27.2) |
| Min. boom angle for indicated length (no load) | 16.3° | 16.3° | 18.7° | 26.2° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80132635_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 10,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #3050 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,530 (76.9) | 5,440 (78.2) | | |
| 60 | 5,420 (75.1) | 5,350 (76.6) | 5,190 (78) | |
| 65 | 5,320 (73.3) | 5,190 (75) | 5,000 (76.5) | 4,870 (77.2) |
| 70 | 5,140 (71.5) | 4,990 (73.4) | 4,810 (75) | 4,700 (75.8) |
| 75 | 4,940 (69.6) | 4,800 (71.7) | 4,640 (73.5) | 4,540 (74.3) |
| 80 | 4,760 (67.7) | 4,630 (70) | 4,470 (72) | 4,380 (72.9) |
| 85 | 4,580 (65.5) | 4,460 (68.2) | 4,320 (70.4) | 4,230 (71.4) |
| 90 | 4,420 (63.1) | 4,310 (66.4) | 4,170 (68.8) | 4,090 (69.9) |
| 95 | 4,270 (60.6) | 4,160 (64.1) | 4,030 (67.1) | 3,960 (68.3) |
| 100 | 4,130 (57.9) | 4,020 (61.8) | 3,900 (65) | 3,820 (66.6) |
| 105 | 4,010 (55.2) | 3,900 (59.4) | 3,730 (62.9) | 3,580 (64.6) |
| 110 | 3,890 (52.2) | 3,780 (56.9) | 3,500 (60.7) | 3,360 (62.5) |
| 115 | 3,780 (49.2) | 3,550 (54.3) | 3,280 (58.5) | 3,100 (60.4) |
| 120 | 3,650 (45.8) | 3,340 (51.6) | 3,070 (56.1) | 2,760 (58.2) |
| 125 | 3,300 (42.2) | 3,140 (48.7) | 2,880 (53.7) | 2,450 (56) |
| 130 | 2,880 (37) | 2,850 (45.6) | 2,690 (51.1) | 2,170 (53.6) |
| 135 | | 2,470 (42.3) | 2,420 (48.4) | 1,900 (51.1) |
| 140 | | 2,120 (37.4) | 2,070 (45.5) | 1,640 (48.5) |
| 145 | | | 1,750 (42.4) | 1,410 (45.7) |
| 150 | | | 1,450 (37.8) | 1,180 (42.7) |
| 155 | | | | 970 (38.4) |
| Min. boom angle for indicated length (no load) | 36° | 36.4° | 36.8° | 37.4° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80132635_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITH 10,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

| Radius in Feet | #3401 or #3403 or #3405 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 120,000 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 107,000 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 96,050 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 84,850 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 67,500 (57.8) | 49,600 (67.8) | 49,600 (73.1) | 46,700 (76.5) | 39,700 (78.9) | | | | | | |
| 20 | 40,050 (46.4) | 39,800 (60.5) | 38,250 (68.3) | 36,750 (72.7) | 35,250 (75.7) | 30,250 (77.8) | 23,550 (79.7) | | | | |
| 25 | 25,750 (30) | 26,800 (52.4) | 27,150 (62.7) | 26,350 (68.7) | 25,550 (72.5) | 24,750 (75.1) | 21,150 (77.3) | 18,600 (79) | | | |
| 30 | | 19,050 (43.1) | 19,600 (56.6) | 19,900 (64.3) | 19,400 (69.1) | 18,950 (72.3) | 18,400 (74.9) | 16,950 (76.8) | 14,500 (78.4) | 11,300 (79.7) | |
| 35 | | 14,000 (29.8) | 14,600 (49.8) | 14,900 (59.3) | 15,100 (65.5) | 14,900 (69.4) | 14,550 (72.4) | 14,200 (74.6) | 13,850 (76.5) | 11,300 (78) | 10,050 (78.8) |
| 40 | | | 11,200 (42.1) | 11,500 (53.9) | 11,650 (61.2) | 11,750 (66.4) | 11,650 (69.8) | 11,450 (72.4) | 11,200 (74.5) | 10,900 (76.2) | 10,050 (77.1) |
| 45 | | | 8,660 (31.5) | 9,050 (48.1) | 9,230 (56.8) | 9,370 (62.8) | 9,450 (67.1) | 9,310 (70.1) | 9,120 (72.5) | 8,920 (74.4) | 8,750 (75.4) |
| 50 | | | 6,710 (15.9) | 7,110 (41.6) | 7,300 (52.1) | 7,440 (59) | 7,520 (64) | 7,590 (67.8) | 7,460 (70.4) | 7,300 (72.6) | 7,150 (73.6) |
| 55 | | | | 5,560 (32.7) | 5,790 (47) | 5,920 (55) | 6,000 (60.7) | 6,070 (65) | 6,110 (68.3) | 5,980 (70.7) | 5,850 (71.8) |
| 60 | | | | 4,310 (21) | 4,550 (41.3) | 4,700 (50.7) | 4,770 (57.2) | 4,840 (62.1) | 4,890 (65.9) | 4,880 (68.8) | 4,760 (70) |
| 65 | | | | | 3,510 (33.6) | 3,690 (46.2) | 3,760 (53.6) | 3,830 (59.1) | 3,870 (63.3) | 3,890 (66.7) | 3,840 (68.1) |
| 70 | | | | | 2,640 (24.1) | 2,820 (41.2) | 2,910 (49.7) | 2,980 (55.9) | 3,020 (60.6) | 3,040 (64.3) | 3,000 (66) |
| 75 | | | | | 1,920 (8.3) | 2,080 (34.3) | 2,190 (45.6) | 2,260 (52.6) | 2,300 (57.7) | 2,320 (61.8) | 2,280 (63.7) |
| 80 | | | | | | 1,440 (26.3) | 1,550 (41.1) | 1,640 (49.1) | 1,680 (54.8) | 1,700 (59.3) | 1,660 (61.3) |
| 85 | | | | | | 900 (15.3) | 1,000 (35) | 1,090 (45.3) | 1,140 (51.7) | 1,160 (56.7) | 1,110 (58.8) |
| 90 | | | | | | | 510 (27.9) | 600 (41.2) | 670 (48.5) | 680 (53.9) | 640 (56.3) |
| Min. boom angle for indicated length (no load) | | | | | | | 26.9° | 40.2° | 47.5° | 52.9° | 55.3° |
| Max. boom length at 0° boom angle (no load) | | | | | | | 95.6 ft. | | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|------------------|-----------------|-----------------|-----------------|---------------|-------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 14,400 (28.3) | 10,000 (39.5) | 6,210 (51.5) | 3,580 (63.5) | 1,860 (75.5) | 670 (87.5) | | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 4,300 | 2,800 | 2,650 | 2,500 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 3,900 | 2,800 | 2,650 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 6,000 | 3,950 | 3,700 | 3,550 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80132632

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 10,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #3415 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 7,720 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 7,720 (75.2) | 6,370 (76.6) | 5,200 (77.8) | 4,420 (78.5) |
| 50 | 7,670 (73.5) | 6,370 (75.1) | 5,200 (76.4) | 4,420 (77.1) |
| 55 | 6,530 (71.8) | 6,260 (73.6) | 5,200 (75) | 4,420 (75.8) |
| 60 | 5,460 (70.1) | 5,200 (72) | 4,960 (73.6) | 4,420 (74.4) |
| 65 | 4,510 (68.4) | 4,310 (70.5) | 4,080 (72.2) | 3,920 (73.1) |
| 70 | 3,660 (66.6) | 3,540 (68.8) | 3,330 (70.7) | 3,170 (71.7) |
| 75 | 2,940 (64.4) | 2,820 (67.2) | 2,670 (69.2) | 2,520 (70.3) |
| 80 | 2,320 (62.1) | 2,200 (65.2) | 2,080 (67.7) | 1,950 (68.8) |
| 85 | 1,780 (59.8) | 1,660 (63.2) | 1,550 (65.9) | 1,450 (67.3) |
| 90 | 1,300 (57.4) | 1,190 (61) | 1,070 (64) | 980 (65.5) |
| 95 | 890 (54.9) | 770 (58.8) | 660 (62.1) | 560 (63.7) |
| 100 | 520 (52.4) | | | |
| Min. boom angle for indicated length (no load) | 51.4° | 57.8° | 61.1° | 62.7° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80132637_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 10,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #3420 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,730 (77.8) | | | |
| 50 | 6,540 (76.2) | 6,400 (77.6) | | |
| 55 | 6,360 (74.5) | 6,150 (76.1) | 5,590 (77.4) | 4,940 (78) |
| 60 | 6,100 (72.8) | 5,880 (74.5) | 5,590 (75.9) | 4,940 (76.7) |
| 65 | 5,250 (71) | 5,060 (72.9) | 4,850 (74.5) | 4,700 (75.3) |
| 70 | 4,320 (69.2) | 4,230 (71.3) | 4,030 (73) | 3,890 (73.9) |
| 75 | 3,540 (67.4) | 3,450 (69.6) | 3,320 (71.6) | 3,180 (72.5) |
| 80 | 2,860 (65.3) | 2,770 (68) | 2,680 (70) | 2,560 (71.1) |
| 85 | 2,270 (63) | 2,180 (66.1) | 2,090 (68.5) | 2,010 (69.6) |
| 90 | 1,750 (60.6) | 1,660 (64) | 1,570 (66.9) | 1,490 (68.1) |
| 95 | 1,290 (58.1) | 1,210 (61.8) | 1,120 (64.9) | 1,040 (66.4) |
| 100 | 880 (55.6) | 800 (59.5) | 710 (62.9) | 630 (64.5) |
| 105 | 520 (52.9) | | | |
| Min. boom angle for indicated length (no load) | 51.9° | 58.5° | 61.9° | 63.5° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80132637_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 10,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #3425 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,530 (76.9) | 5,440 (78.2) | | |
| 60 | 5,420 (75.1) | 5,350 (76.6) | 5,190 (78) | |
| 65 | 5,320 (73.3) | 5,190 (75) | 5,000 (76.5) | 4,870 (77.2) |
| 70 | 4,910 (71.5) | 4,840 (73.4) | 4,670 (75) | 4,530 (75.8) |
| 75 | 4,060 (69.6) | 4,000 (71.7) | 3,890 (73.5) | 3,770 (74.3) |
| 80 | 3,330 (67.7) | 3,270 (70) | 3,200 (72) | 3,100 (72.9) |
| 85 | 2,690 (65.5) | 2,630 (68.2) | 2,560 (70.4) | 2,490 (71.4) |
| 90 | 2,130 (63.1) | 2,070 (66.4) | 2,000 (68.8) | 1,930 (69.9) |
| 95 | 1,630 (60.6) | 1,570 (64.1) | 1,510 (67.1) | 1,440 (68.3) |
| 100 | 1,180 (57.9) | 1,130 (61.8) | 1,060 (65) | 1,000 (66.6) |
| 105 | 780 (55.2) | 730 (59.4) | 670 (62.9) | 600 (64.6) |
| Min. boom angle for indicated length (no load) | 54.2° | 58.4° | 61.9° | 63.6° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80132637_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITH 10,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 0° EXTENDED - 360°

| Radius in Feet | #3801 or #3803 or #3805 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 88,150 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 59,950 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 43,850 (67.6) | 41,300 (73.9) | 38,650 (77.7) | | | | | | | | |
| 12 | 33,850 (63.8) | 32,350 (71.5) | 30,750 (75.9) | 29,150 (78.7) | | | | | | | |
| 15 | 24,350 (57.8) | 23,750 (67.8) | 22,900 (73.1) | 21,950 (76.5) | 21,000 (78.9) | | | | | | |
| 20 | 14,850 (46.4) | 15,350 (60.5) | 15,050 (68.3) | 14,650 (72.7) | 14,150 (75.7) | 13,700 (77.8) | 13,200 (79.7) | | | | |
| 25 | 9,180 (30) | 10,250 (52.4) | 10,400 (62.7) | 10,250 (68.7) | 9,990 (72.5) | 9,720 (75.1) | 9,410 (77.3) | 9,120 (79) | | | |
| 30 | | 6,690 (43.1) | 7,260 (56.6) | 7,280 (64.3) | 7,140 (69.1) | 6,990 (72.3) | 6,790 (74.9) | 6,600 (76.8) | 6,400 (78.4) | 6,180 (79.7) | |
| 35 | | 4,260 (29.8) | 4,910 (49.8) | 5,130 (59.3) | 5,090 (65.5) | 5,010 (69.4) | 4,880 (72.4) | 4,750 (74.6) | 4,610 (76.5) | 4,450 (78) | 4,310 (78.8) |
| 40 | | | 3,130 (42.1) | 3,470 (53.9) | 3,530 (61.2) | 3,500 (66.4) | 3,410 (69.8) | 3,330 (72.4) | 3,240 (74.5) | 3,120 (76.2) | 2,990 (77.1) |
| 45 | | | 1,790 (31.5) | 2,180 (48.1) | 2,270 (56.8) | 2,310 (62.8) | 2,260 (67.1) | 2,210 (70.1) | 2,140 (72.5) | 2,050 (74.4) | 1,940 (75.4) |
| 50 | | | 750 (15.9) | 1,120 (41.6) | 1,260 (52.1) | 1,330 (59) | 1,330 (64) | 1,300 (67.8) | 1,250 (70.4) | 1,180 (72.6) | 1,090 (73.6) |
| 55 | | | | | | 520 (55) | 550 (60.7) | 540 (65) | 510 (68.3) | | |
| Min. boom angle for indicated length (no load) | | | 14.9° | 40.6° | 51.1° | 54° | 59.7° | 64° | 67.3° | 71.6° | 72.6° |
| Max. boom length at 0° boom angle (no load) | | | 47.6 ft. | | | | | | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|-----------------|------|------|------|------|-------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 6,680 (28.3) | 2,650 (39.5) | | | | | | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 3,950 | 3,650 | 3,450 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 3,500 | 3,200 | 3,000 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 5,450 | 5,000 | 4,650 | 3,300 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80132633

RATED LIFTING CAPACITIES IN POUNDS

37 FT. - 151 FT. BOOM

WITH 8,000 LB. COUNTERWEIGHT

ON OUTRIGGERS FULLY EXTENDED - 360°

| Radius in Feet | #4001 or #4003 or #4005 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 120,000 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 100,500 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 88,000 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 77,900 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 66,150 (57.8) | 49,600 (67.8) | 49,600 (73.1) | 46,700 (76.5) | 39,700 (78.9) | | | | | | |
| 20 | 52,200 (46.4) | 49,600 (60.5) | 49,600 (68.3) | 42,050 (72.7) | 36,100 (75.7) | 30,250 (77.8) | 23,550 (79.7) | | | | |
| 25 | 37,450 (30) | 42,700 (52.4) | 43,500 (62.7) | 38,150 (68.7) | 32,950 (72.5) | 27,400 (75.1) | 21,150 (77.3) | 18,600 (79) | | | |
| 30 | | 33,300 (43.1) | 34,050 (56.6) | 34,500 (64.3) | 30,250 (69.1) | 24,700 (72.3) | 19,100 (74.9) | 16,950 (76.8) | 14,500 (78.4) | 11,300 (79.7) | |
| 35 | | 26,750 (29.8) | 27,500 (49.8) | 27,950 (59.3) | 27,950 (65.5) | 22,350 (69.4) | 17,250 (72.4) | 15,450 (74.6) | 13,900 (76.5) | 11,300 (78) | 10,050 (78.8) |
| 40 | | | 22,650 (42.1) | 22,850 (53.9) | 23,150 (61.2) | 20,300 (66.4) | 15,700 (69.8) | 14,150 (72.4) | 12,800 (74.5) | 11,300 (76.2) | 10,050 (77.1) |
| 45 | | | 18,250 (31.5) | 18,300 (48.1) | 18,550 (56.8) | 18,600 (62.8) | 14,350 (67.1) | 12,950 (70.1) | 11,750 (72.5) | 10,700 (74.4) | 10,050 (75.4) |
| 50 | | | 13,100 (15.9) | 15,000 (41.6) | 15,150 (52.1) | 15,400 (59) | 13,200 (64) | 11,900 (67.8) | 10,850 (70.4) | 9,930 (72.6) | 9,470 (73.6) |
| 55 | | | | 12,450 (32.7) | 12,550 (47) | 12,800 (55) | 12,150 (60.7) | 11,000 (65) | 10,000 (68.3) | 9,200 (70.7) | 8,780 (71.8) |
| 60 | | | | 10,450 (21) | 10,500 (41.3) | 10,750 (50.7) | 11,100 (57.2) | 10,150 (62.1) | 9,300 (65.9) | 8,540 (68.8) | 8,160 (70) |
| 65 | | | | | 8,820 (33.6) | 9,120 (46.2) | 9,440 (53.6) | 9,460 (59.1) | 8,640 (63.3) | 7,940 (66.7) | 7,590 (68.1) |
| 70 | | | | | 7,430 (24.1) | 7,750 (41.2) | 8,070 (49.7) | 8,140 (55.9) | 8,030 (60.6) | 7,380 (64.3) | 7,070 (66) |
| 75 | | | | | 5,400 (8.3) | 6,590 (34.3) | 6,910 (45.6) | 6,980 (52.6) | 7,040 (57.7) | 6,840 (61.8) | 6,550 (63.7) |
| 80 | | | | | | 5,600 (26.3) | 5,930 (41.1) | 6,000 (49.1) | 6,050 (54.8) | 6,080 (59.3) | 5,980 (61.3) |
| 85 | | | | | | 4,750 (15.3) | 5,080 (35) | 5,150 (45.3) | 5,200 (51.7) | 5,230 (56.7) | 5,190 (58.8) |
| 90 | | | | | | | 4,350 (27.9) | 4,410 (41.2) | 4,460 (48.5) | 4,480 (53.9) | 4,450 (56.3) |
| 95 | | | | | | | 3,690 (19) | 3,760 (35.6) | 3,810 (45) | 3,830 (51.1) | 3,790 (53.7) |
| 100 | | | | | | | | 3,190 (29.3) | 3,230 (41.2) | 3,250 (48) | 3,210 (50.9) |
| 105 | | | | | | | | 2,670 (21.7) | 2,680 (36.1) | 2,740 (44.8) | 2,700 (48) |
| 110 | | | | | | | | 2,170 (10.7) | 2,160 (30.3) | 2,280 (41.3) | 2,210 (45) |
| 115 | | | | | | | | | 1,680 (23.7) | 1,860 (36.5) | 1,750 (41.6) |
| 120 | | | | | | | | | 1,250 (15.1) | 1,460 (31.3) | 1,330 (37) |
| 125 | | | | | | | | | | 1,090 (25.4) | 930 (32.1) |
| 130 | | | | | | | | | | 750 (18.1) | 570 (26.5) |
| Min. boom angle for indicated length (no load) | | | | | | | | 9.7° | 14.1° | 17.1° | 18.9° |
| Max. boom length at 0° boom angle (no load) | | | | | | | | 107.6 ft. | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|------------------|-----------------|-----------------|-----------------|-----------------|---------------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 14,400 (28.3) | 10,000 (39.5) | 6,570 (51.5) | 4,360 (63.5) | 2,820 (75.5) | 1,690 (87.5) | 820 (99.5) | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 2,650 | 2,550 | 2,550 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 3,400 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131210

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 8,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #4015 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 7,720 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 7,720 (75.2) | 6,370 (76.6) | 5,200 (77.8) | 4,420 (78.5) |
| 50 | 7,670 (73.5) | 6,370 (75.1) | 5,200 (76.4) | 4,420 (77.1) |
| 55 | 7,260 (71.8) | 6,370 (73.6) | 5,200 (75) | 4,420 (75.8) |
| 60 | 6,880 (70.1) | 6,370 (72) | 5,200 (73.6) | 4,420 (74.4) |
| 65 | 6,520 (68.4) | 6,260 (70.5) | 5,200 (72.2) | 4,420 (73.1) |
| 70 | 6,180 (66.6) | 5,960 (68.8) | 5,200 (70.7) | 4,420 (71.7) |
| 75 | 5,870 (64.4) | 5,690 (67.2) | 5,200 (69.2) | 4,420 (70.3) |
| 80 | 5,580 (62.1) | 5,400 (65.2) | 4,990 (67.7) | 4,420 (68.8) |
| 85 | 5,310 (59.8) | 5,060 (63.2) | 4,680 (65.9) | 4,420 (67.3) |
| 90 | 5,050 (57.4) | 4,750 (61) | 4,380 (64) | 4,200 (65.5) |
| 95 | 4,400 (54.9) | 4,280 (58.8) | 4,100 (62.1) | 3,930 (63.7) |
| 100 | 3,830 (52.4) | 3,710 (56.6) | 3,590 (60) | 3,490 (61.8) |
| 105 | 3,310 (49.7) | 3,190 (54.3) | 3,080 (58) | 2,980 (59.8) |
| 110 | 2,850 (46.9) | 2,730 (51.9) | 2,620 (55.9) | 2,520 (57.8) |
| 115 | 2,440 (44) | 2,320 (49.4) | 2,200 (53.7) | 2,100 (55.7) |
| 120 | 2,070 (40.8) | 1,950 (46.7) | 1,830 (51.4) | 1,730 (53.6) |
| 125 | 1,730 (36.3) | 1,610 (44) | 1,490 (49.1) | 1,390 (51.4) |
| 130 | 1,430 (31.5) | 1,300 (40.9) | 1,180 (46.6) | 1,080 (49.2) |
| 135 | 1,150 (26.2) | 1,010 (36.8) | 890 (44) | 790 (46.8) |
| 140 | 900 (20) | 760 (32.3) | 630 (41.2) | 530 (44.3) |
| 145 | 680 (11.7) | 520 (27.4) | | |
| Min. boom angle for indicated length (no load) | 10.7° | 26.4° | 40.2° | 43.3° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131247_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 8,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #4020 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,730 (77.8) | | | |
| 50 | 6,540 (76.2) | 6,400 (77.6) | | |
| 55 | 6,360 (74.5) | 6,150 (76.1) | 5,590 (77.4) | 4,940 (78) |
| 60 | 6,100 (72.8) | 5,880 (74.5) | 5,590 (75.9) | 4,940 (76.7) |
| 65 | 5,810 (71) | 5,620 (72.9) | 5,370 (74.5) | 4,940 (75.3) |
| 70 | 5,550 (69.2) | 5,380 (71.3) | 5,160 (73) | 4,940 (73.9) |
| 75 | 5,300 (67.4) | 5,150 (69.6) | 4,960 (71.6) | 4,840 (72.5) |
| 80 | 5,070 (65.3) | 4,930 (68) | 4,760 (70) | 4,660 (71.1) |
| 85 | 4,860 (63) | 4,730 (66.1) | 4,580 (68.5) | 4,480 (69.6) |
| 90 | 4,660 (60.6) | 4,550 (64) | 4,400 (66.9) | 4,250 (68.1) |
| 95 | 4,480 (58.1) | 4,370 (61.8) | 4,150 (64.9) | 3,980 (66.4) |
| 100 | 4,200 (55.6) | 4,110 (59.5) | 3,890 (62.9) | 3,730 (64.5) |
| 105 | 3,650 (52.9) | 3,560 (57.2) | 3,470 (60.8) | 3,390 (62.5) |
| 110 | 3,160 (50.1) | 3,070 (54.8) | 2,980 (58.7) | 2,900 (60.5) |
| 115 | 2,710 (47.1) | 2,630 (52.3) | 2,540 (56.5) | 2,450 (58.4) |
| 120 | 2,310 (43.9) | 2,220 (49.7) | 2,130 (54.2) | 2,050 (56.3) |
| 125 | 1,940 (40.3) | 1,850 (46.9) | 1,770 (51.8) | 1,680 (54.1) |
| 130 | 1,600 (35.2) | 1,520 (43.9) | 1,430 (49.3) | 1,350 (51.8) |
| 135 | 1,290 (29.6) | 1,210 (40.5) | 1,120 (46.7) | 1,040 (49.4) |
| 140 | 1,000 (23) | 920 (35.8) | 840 (43.9) | 760 (46.9) |
| 145 | | 660 (30.6) | 570 (40.7) | |
| Min. boom angle for indicated length (no load) | 22° | 29.6° | 39.7° | 45.9° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131247_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 8,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #4025 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,530 (76.9) | 5,440 (78.2) | | |
| 60 | 5,420 (75.1) | 5,350 (76.6) | 5,190 (78) | |
| 65 | 5,320 (73.3) | 5,190 (75) | 5,000 (76.5) | 4,870 (77.2) |
| 70 | 5,140 (71.5) | 4,990 (73.4) | 4,810 (75) | 4,700 (75.8) |
| 75 | 4,940 (69.6) | 4,800 (71.7) | 4,640 (73.5) | 4,540 (74.3) |
| 80 | 4,760 (67.7) | 4,630 (70) | 4,470 (72) | 4,380 (72.9) |
| 85 | 4,580 (65.5) | 4,460 (68.2) | 4,320 (70.4) | 4,230 (71.4) |
| 90 | 4,420 (63.1) | 4,310 (66.4) | 4,170 (68.8) | 4,090 (69.9) |
| 95 | 4,270 (60.6) | 4,160 (64.1) | 4,030 (67.1) | 3,960 (68.3) |
| 100 | 4,130 (57.9) | 4,020 (61.8) | 3,900 (65) | 3,820 (66.6) |
| 105 | 3,920 (55.2) | 3,870 (59.4) | 3,730 (62.9) | 3,580 (64.6) |
| 110 | 3,390 (52.2) | 3,340 (56.9) | 3,280 (60.7) | 3,210 (62.5) |
| 115 | 2,910 (49.2) | 2,860 (54.3) | 2,800 (58.5) | 2,740 (60.4) |
| 120 | 2,470 (45.8) | 2,430 (51.6) | 2,370 (56.1) | 2,310 (58.2) |
| 125 | 2,070 (42.2) | 2,030 (48.7) | 1,980 (53.7) | 1,910 (56) |
| 130 | 1,700 (37) | 1,670 (45.6) | 1,620 (51.1) | 1,550 (53.6) |
| 135 | | 1,330 (42.3) | 1,280 (48.4) | 1,220 (51.1) |
| 140 | | 1,010 (37.4) | 970 (45.5) | 910 (48.5) |
| 145 | | | 690 (42.4) | 630 (45.7) |
| Min. boom angle for indicated length (no load) | 36° | 36.4° | 41.4° | 44.7° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131247_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITH 8,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR

| Radius in Feet | #4026 or #4028 or #4030 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 120,000 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 107,000 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 95,950 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 86,100 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 74,300 (57.8) | 49,600 (67.8) | 49,600 (73.1) | 46,700 (76.5) | 39,700 (78.9) | | | | | | |
| 20 | 59,200 (46.4) | 49,600 (60.5) | 49,600 (68.3) | 42,050 (72.7) | 36,100 (75.7) | 30,250 (77.8) | 23,550 (79.7) | | | | |
| 25 | 37,450 (30) | 45,750 (52.4) | 45,850 (62.7) | 38,150 (68.7) | 32,950 (72.5) | 27,400 (75.1) | 21,150 (77.3) | 18,600 (79) | | | |
| 30 | | 36,400 (43.1) | 36,900 (56.6) | 34,950 (64.3) | 30,250 (69.1) | 24,700 (72.3) | 19,100 (74.9) | 16,950 (76.8) | 14,500 (78.4) | 11,300 (79.7) | |
| 35 | | 27,400 (29.8) | 30,250 (49.8) | 30,600 (59.3) | 27,950 (65.5) | 22,350 (69.4) | 17,250 (72.4) | 15,450 (74.6) | 13,900 (76.5) | 11,300 (78) | 10,050 (78.8) |
| 40 | | | 25,250 (42.1) | 25,500 (53.9) | 25,700 (61.2) | 20,300 (66.4) | 15,700 (69.8) | 14,150 (72.4) | 12,800 (74.5) | 11,300 (76.2) | 10,050 (77.1) |
| 45 | | | 20,650 (31.5) | 20,900 (48.1) | 21,100 (56.8) | 18,600 (62.8) | 14,350 (67.1) | 12,950 (70.1) | 11,750 (72.5) | 10,700 (74.4) | 10,050 (75.4) |
| 50 | | | 13,100 (15.9) | 17,400 (41.6) | 17,550 (52.1) | 17,100 (59) | 13,200 (64) | 11,900 (67.8) | 10,850 (70.4) | 9,930 (72.6) | 9,470 (73.6) |
| 55 | | | | 14,700 (32.7) | 14,850 (47) | 14,950 (55) | 12,150 (60.7) | 11,000 (65) | 10,000 (68.3) | 9,200 (70.7) | 8,780 (71.8) |
| 60 | | | | 12,000 (21) | 12,700 (41.3) | 12,800 (50.7) | 11,250 (57.2) | 10,150 (62.1) | 9,300 (65.9) | 8,540 (68.8) | 8,160 (70) |
| 65 | | | | | 10,950 (33.6) | 11,100 (46.2) | 10,450 (53.6) | 9,460 (59.1) | 8,640 (63.3) | 7,940 (66.7) | 7,590 (68.1) |
| 70 | | | | | 9,510 (24.1) | 9,630 (41.2) | 9,700 (49.7) | 8,800 (55.9) | 8,030 (60.6) | 7,380 (64.3) | 7,070 (66) |
| 75 | | | | | 5,400 (8.3) | 8,380 (34.3) | 8,450 (45.6) | 8,210 (52.6) | 7,460 (57.7) | 6,840 (61.8) | 6,550 (63.7) |
| 80 | | | | | | 7,320 (26.3) | 7,370 (41.1) | 7,430 (49.1) | 6,840 (54.8) | 6,260 (59.3) | 5,980 (61.3) |
| 85 | | | | | | 5,950 (15.3) | 6,450 (35) | 6,500 (45.3) | 6,290 (51.7) | 5,720 (56.7) | 5,460 (58.8) |
| 90 | | | | | | | 5,640 (27.9) | 5,690 (41.2) | 5,730 (48.5) | 5,240 (53.9) | 4,990 (56.3) |
| 95 | | | | | | | 4,920 (19) | 4,980 (35.6) | 5,010 (45) | 4,790 (51.1) | 4,550 (53.7) |
| 100 | | | | | | | | 4,350 (29.3) | 4,380 (41.2) | 4,380 (48) | 4,150 (50.9) |
| 105 | | | | | | | | 3,780 (21.7) | 3,810 (36.1) | 3,830 (44.8) | 3,730 (48) |
| 110 | | | | | | | | 2,440 (10.7) | 3,310 (30.3) | 3,320 (41.3) | 3,270 (45) |
| 115 | | | | | | | | | 2,850 (23.7) | 2,860 (36.5) | 2,810 (41.6) |
| 120 | | | | | | | | | 2,430 (15.1) | 2,440 (31.3) | 2,400 (37) |
| 125 | | | | | | | | | | 2,070 (25.4) | 2,020 (32.1) |
| 130 | | | | | | | | | | 1,710 (18.1) | 1,670 (26.5) |
| 135 | | | | | | | | | | | 1,350 (19.9) |
| 140 | | | | | | | | | | | 720 (10.5) |
| Min. boom angle for indicated length (no load) | | | | | | | | 9.5° | 9.5° | 9.5° | 9.5° |
| Max. boom length at 0° boom angle (no load) | | | | | | | | 107.6 ft. | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|------------------|-----------------|-----------------|-----------------|-----------------|---------------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 14,400 (28.3) | 10,000 (39.5) | 6,570 (51.5) | 4,360 (63.5) | 2,820 (75.5) | 1,690 (87.5) | 820 (99.5) | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 2,200 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 2,850 | 2,550 | 2,550 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 3,850 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131211

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 8,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #4040 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 7,720 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 7,720 (75.2) | 6,370 (76.6) | 5,200 (77.8) | 4,420 (78.5) |
| 50 | 7,670 (73.5) | 6,370 (75.1) | 5,200 (76.4) | 4,420 (77.1) |
| 55 | 7,260 (71.8) | 6,370 (73.6) | 5,200 (75) | 4,420 (75.8) |
| 60 | 6,880 (70.1) | 6,370 (72) | 5,200 (73.6) | 4,420 (74.4) |
| 65 | 6,520 (68.4) | 6,260 (70.5) | 5,200 (72.2) | 4,420 (73.1) |
| 70 | 6,180 (66.6) | 5,960 (68.8) | 5,200 (70.7) | 4,420 (71.7) |
| 75 | 5,870 (64.4) | 5,690 (67.2) | 5,200 (69.2) | 4,420 (70.3) |
| 80 | 5,580 (62.1) | 5,400 (65.2) | 4,990 (67.7) | 4,420 (68.8) |
| 85 | 5,310 (59.8) | 5,060 (63.2) | 4,680 (65.9) | 4,420 (67.3) |
| 90 | 5,070 (57.4) | 4,750 (61) | 4,380 (64) | 4,200 (65.5) |
| 95 | 4,830 (54.9) | 4,450 (58.8) | 4,100 (62.1) | 3,930 (63.7) |
| 100 | 4,540 (52.4) | 4,170 (56.6) | 3,840 (60) | 3,670 (61.8) |
| 105 | 4,270 (49.7) | 3,920 (54.3) | 3,600 (58) | 3,430 (59.8) |
| 110 | 4,020 (46.9) | 3,680 (51.9) | 3,370 (55.9) | 3,070 (57.8) |
| 115 | 3,560 (44) | 3,440 (49.4) | 3,150 (53.7) | 2,730 (55.7) |
| 120 | 3,140 (40.8) | 3,020 (46.7) | 2,900 (51.4) | 2,420 (53.6) |
| 125 | 2,760 (36.3) | 2,640 (44) | 2,520 (49.1) | 2,130 (51.4) |
| 130 | 2,420 (31.5) | 2,290 (40.9) | 2,170 (46.6) | 1,870 (49.2) |
| 135 | 2,110 (26.2) | 1,970 (36.8) | 1,850 (44) | 1,630 (46.8) |
| 140 | 1,820 (20) | 1,680 (32.3) | 1,560 (41.2) | 1,400 (44.3) |
| 145 | 1,320 (11.7) | 1,410 (27.4) | 1,290 (37.2) | 1,190 (41.6) |
| 150 | | 1,170 (21.8) | 1,040 (33) | 940 (37.8) |
| 155 | | 950 (14.9) | 810 (28.5) | 710 (33.7) |
| 160 | | | 600 (23.4) | |
| Min. boom angle for indicated length (no load) | 10.7° | 13.9° | 22.4° | 32.7° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131248_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 8,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #4045 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,730 (77.8) | | | |
| 50 | 6,540 (76.2) | 6,400 (77.6) | | |
| 55 | 6,360 (74.5) | 6,150 (76.1) | 5,590 (77.4) | 4,940 (78) |
| 60 | 6,100 (72.8) | 5,880 (74.5) | 5,590 (75.9) | 4,940 (76.7) |
| 65 | 5,810 (71) | 5,620 (72.9) | 5,370 (74.5) | 4,940 (75.3) |
| 70 | 5,550 (69.2) | 5,380 (71.3) | 5,160 (73) | 4,940 (73.9) |
| 75 | 5,300 (67.4) | 5,150 (69.6) | 4,960 (71.6) | 4,840 (72.5) |
| 80 | 5,070 (65.3) | 4,930 (68) | 4,760 (70) | 4,660 (71.1) |
| 85 | 4,860 (63) | 4,730 (66.1) | 4,580 (68.5) | 4,480 (69.6) |
| 90 | 4,660 (60.6) | 4,550 (64) | 4,400 (66.9) | 4,250 (68.1) |
| 95 | 4,480 (58.1) | 4,370 (61.8) | 4,150 (64.9) | 3,980 (66.4) |
| 100 | 4,310 (55.6) | 4,200 (59.5) | 3,890 (62.9) | 3,730 (64.5) |
| 105 | 4,150 (52.9) | 3,950 (57.2) | 3,650 (60.8) | 3,500 (62.5) |
| 110 | 4,010 (50.1) | 3,710 (54.8) | 3,420 (58.7) | 3,270 (60.5) |
| 115 | 3,810 (47.1) | 3,490 (52.3) | 3,200 (56.5) | 2,940 (58.4) |
| 120 | 3,380 (43.9) | 3,280 (49.7) | 3,000 (54.2) | 2,610 (56.3) |
| 125 | 2,970 (40.3) | 2,880 (46.9) | 2,800 (51.8) | 2,320 (54.1) |
| 130 | 2,590 (35.2) | 2,510 (43.9) | 2,420 (49.3) | 2,040 (51.8) |
| 135 | 2,240 (29.6) | 2,160 (40.5) | 2,080 (46.7) | 1,780 (49.4) |
| 140 | 1,920 (23) | 1,840 (35.8) | 1,760 (43.9) | 1,550 (46.9) |
| 145 | | 1,550 (30.6) | 1,460 (40.7) | 1,320 (44.2) |
| 150 | | 1,270 (24.7) | 1,190 (36.3) | 1,110 (41.1) |
| 155 | | 1,020 (17.3) | 940 (31.5) | 860 (36.9) |
| 160 | | | 700 (26.1) | 620 (32.3) |
| Min. boom angle for indicated length (no load) | 16.3° | 16.3° | 25.1° | 31.3° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131248_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 8,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #4050 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,530 (76.9) | 5,440 (78.2) | | |
| 60 | 5,420 (75.1) | 5,350 (76.6) | 5,190 (78) | |
| 65 | 5,320 (73.3) | 5,190 (75) | 5,000 (76.5) | 4,870 (77.2) |
| 70 | 5,140 (71.5) | 4,990 (73.4) | 4,810 (75) | 4,700 (75.8) |
| 75 | 4,940 (69.6) | 4,800 (71.7) | 4,640 (73.5) | 4,540 (74.3) |
| 80 | 4,760 (67.7) | 4,630 (70) | 4,470 (72) | 4,380 (72.9) |
| 85 | 4,580 (65.5) | 4,460 (68.2) | 4,320 (70.4) | 4,230 (71.4) |
| 90 | 4,420 (63.1) | 4,310 (66.4) | 4,170 (68.8) | 4,090 (69.9) |
| 95 | 4,270 (60.6) | 4,160 (64.1) | 4,030 (67.1) | 3,960 (68.3) |
| 100 | 4,130 (57.9) | 4,020 (61.8) | 3,900 (65) | 3,820 (66.6) |
| 105 | 4,010 (55.2) | 3,900 (59.4) | 3,730 (62.9) | 3,580 (64.6) |
| 110 | 3,890 (52.2) | 3,780 (56.9) | 3,500 (60.7) | 3,360 (62.5) |
| 115 | 3,780 (49.2) | 3,550 (54.3) | 3,280 (58.5) | 3,100 (60.4) |
| 120 | 3,540 (45.8) | 3,340 (51.6) | 3,070 (56.1) | 2,760 (58.2) |
| 125 | 3,100 (42.2) | 3,060 (48.7) | 2,880 (53.7) | 2,450 (56) |
| 130 | 2,690 (37) | 2,660 (45.6) | 2,610 (51.1) | 2,170 (53.6) |
| 135 | | 2,280 (42.3) | 2,240 (48.4) | 1,900 (51.1) |
| 140 | | 1,940 (37.4) | 1,900 (45.5) | 1,640 (48.5) |
| 145 | | | 1,580 (42.4) | 1,410 (45.7) |
| 150 | | | 1,280 (37.8) | 1,180 (42.7) |
| 155 | | | | 950 (38.4) |
| Min. boom angle for indicated length (no load) | 36° | 36.4° | 36.8° | 37.4° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131248_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITH 8,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

| Radius in Feet | #4401 or #4403 or #4405 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 120,000 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 107,000 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 95,700 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 84,550 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 64,300 (57.8) | 49,600 (67.8) | 49,600 (73.1) | 46,700 (76.5) | 39,700 (78.9) | | | | | | |
| 20 | 38,050 (46.4) | 37,800 (60.5) | 36,350 (68.3) | 34,950 (72.7) | 33,550 (75.7) | 30,250 (77.8) | 23,550 (79.7) | | | | |
| 25 | 24,350 (30) | 25,400 (52.4) | 25,700 (62.7) | 25,000 (68.7) | 24,200 (72.5) | 23,450 (75.1) | 21,150 (77.3) | 18,600 (79) | | | |
| 30 | | 17,950 (43.1) | 18,500 (56.6) | 18,800 (64.3) | 18,300 (69.1) | 17,850 (72.3) | 17,400 (74.9) | 16,900 (76.8) | 14,500 (78.4) | 11,300 (79.7) | |
| 35 | | 13,100 (29.8) | 13,700 (49.8) | 14,050 (59.3) | 14,200 (65.5) | 14,000 (69.4) | 13,650 (72.4) | 13,350 (74.6) | 13,000 (76.5) | 11,300 (78) | 10,050 (78.8) |
| 40 | | | 10,500 (42.1) | 10,800 (53.9) | 11,000 (61.2) | 11,150 (66.4) | 10,900 (69.8) | 10,650 (72.4) | 10,450 (74.5) | 10,200 (76.2) | 10,000 (77.1) |
| 45 | | | 8,020 (31.5) | 8,410 (48.1) | 8,580 (56.8) | 8,720 (62.8) | 8,800 (67.1) | 8,630 (70.1) | 8,460 (72.5) | 8,270 (74.4) | 8,100 (75.4) |
| 50 | | | 6,140 (15.9) | 6,540 (41.6) | 6,730 (52.1) | 6,870 (59) | 6,950 (64) | 7,000 (67.8) | 6,870 (70.4) | 6,720 (72.6) | 6,570 (73.6) |
| 55 | | | | 5,050 (32.7) | 5,280 (47) | 5,410 (55) | 5,490 (60.7) | 5,560 (65) | 5,570 (68.3) | 5,450 (70.7) | 5,320 (71.8) |
| 60 | | | | 3,850 (21) | 4,090 (41.3) | 4,240 (50.7) | 4,310 (57.2) | 4,380 (62.1) | 4,430 (65.9) | 4,390 (68.8) | 4,270 (70) |
| 65 | | | | | 3,090 (33.6) | 3,270 (46.2) | 3,340 (53.6) | 3,410 (59.1) | 3,450 (63.3) | 3,470 (66.7) | 3,390 (68.1) |
| 70 | | | | | 2,260 (24.1) | 2,440 (41.2) | 2,530 (49.7) | 2,590 (55.9) | 2,640 (60.6) | 2,660 (64.3) | 2,610 (66) |
| 75 | | | | | 1,560 (8.3) | 1,720 (34.3) | 1,840 (45.6) | 1,900 (52.6) | 1,940 (57.7) | 1,960 (61.8) | 1,920 (63.7) |
| 80 | | | | | | 1,110 (26.3) | 1,220 (41.1) | 1,300 (49.1) | 1,350 (54.8) | 1,370 (59.3) | 1,320 (61.3) |
| 85 | | | | | | 590 (15.3) | 690 (35) | 780 (45.3) | 830 (51.7) | 850 (56.7) | 800 (58.8) |
| Min. boom angle for indicated length (no load) | | | | | | 14.3° | 34° | 44.3° | 50.7° | 55.7° | 57.8° |
| Max. boom length at 0° boom angle (no load) | | | | | | 83.6 ft. | | | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|------------------|-----------------|-----------------|-----------------|------|-------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 14,400 (28.3) | 10,000 (39.5) | 5,660 (51.5) | 3,150 (63.5) | 1,500 (75.5) | | | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 4,300 | 2,800 | 2,650 | 2,500 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 3,900 | 2,800 | 2,650 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 6,000 | 3,950 | 3,700 | 3,550 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131213

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 8,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #4415 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 7,720 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 7,720 (75.2) | 6,370 (76.6) | 5,200 (77.8) | 4,420 (78.5) |
| 50 | 7,360 (73.5) | 6,370 (75.1) | 5,200 (76.4) | 4,420 (77.1) |
| 55 | 6,110 (71.8) | 5,840 (73.6) | 5,200 (75) | 4,420 (75.8) |
| 60 | 5,070 (70.1) | 4,820 (72) | 4,570 (73.6) | 4,400 (74.4) |
| 65 | 4,170 (68.4) | 3,950 (70.5) | 3,730 (72.2) | 3,560 (73.1) |
| 70 | 3,350 (66.6) | 3,210 (68.8) | 3,000 (70.7) | 2,840 (71.7) |
| 75 | 2,650 (64.4) | 2,530 (67.2) | 2,360 (69.2) | 2,220 (70.3) |
| 80 | 2,050 (62.1) | 1,930 (65.2) | 1,810 (67.7) | 1,670 (68.8) |
| 85 | 1,520 (59.8) | 1,410 (63.2) | 1,290 (65.9) | 1,180 (67.3) |
| 90 | 1,070 (57.4) | 950 (61) | 840 (64) | 740 (65.5) |
| 95 | 660 (54.9) | 550 (58.8) | | |
| Min. boom angle for indicated length (no load) | 53.9° | 57.8° | 63° | 64.5° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131250_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
2. For boom angles not shown, use the rating of the next lower boom angle.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
4. Capacities listed are with outriggers properly extended and vertical jacks set only.

WARNING: Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 8,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #4420 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,730 (77.8) | | | |
| 50 | 6,540 (76.2) | 6,400 (77.6) | | |
| 55 | 6,360 (74.5) | 6,150 (76.1) | 5,590 (77.4) | 4,940 (78) |
| 60 | 5,880 (72.8) | 5,650 (74.5) | 5,420 (75.9) | 4,940 (76.7) |
| 65 | 4,910 (71) | 4,710 (72.9) | 4,500 (74.5) | 4,350 (75.3) |
| 70 | 4,010 (69.2) | 3,900 (71.3) | 3,700 (73) | 3,560 (73.9) |
| 75 | 3,250 (67.4) | 3,160 (69.6) | 3,010 (71.6) | 2,870 (72.5) |
| 80 | 2,590 (65.3) | 2,500 (68) | 2,400 (70) | 2,270 (71.1) |
| 85 | 2,020 (63) | 1,930 (66.1) | 1,840 (68.5) | 1,740 (69.6) |
| 90 | 1,520 (60.6) | 1,430 (64) | 1,340 (66.9) | 1,260 (68.1) |
| 95 | 1,070 (58.1) | 980 (61.8) | 890 (64.9) | 810 (66.4) |
| 100 | 670 (55.6) | 590 (59.5) | 500 (62.9) | |
| Min. boom angle for indicated length (no load) | 54.6° | 58.5° | 61.9° | 65.4° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131250_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 8,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #4425 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,530 (76.9) | 5,440 (78.2) | | |
| 60 | 5,420 (75.1) | 5,350 (76.6) | 5,190 (78) | |
| 65 | 5,320 (73.3) | 5,190 (75) | 5,000 (76.5) | 4,870 (77.2) |
| 70 | 4,600 (71.5) | 4,510 (73.4) | 4,340 (75) | 4,210 (75.8) |
| 75 | 3,770 (69.6) | 3,710 (71.7) | 3,590 (73.5) | 3,460 (74.3) |
| 80 | 3,060 (67.7) | 3,000 (70) | 2,930 (72) | 2,810 (72.9) |
| 85 | 2,440 (65.5) | 2,380 (68.2) | 2,310 (70.4) | 2,230 (71.4) |
| 90 | 1,890 (63.1) | 1,830 (66.4) | 1,770 (68.8) | 1,700 (69.9) |
| 95 | 1,410 (60.6) | 1,350 (64.1) | 1,280 (67.1) | 1,220 (68.3) |
| 100 | 970 (57.9) | 920 (61.8) | 850 (65) | 790 (66.6) |
| 105 | 580 (55.2) | 530 (59.4) | | |
| Min. boom angle for indicated length (no load) | 54.2° | 58.4° | 64° | 65.6° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131250_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITH 8,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 0° EXTENDED - 360°

| Radius in Feet | #4801 or #4803 or #4805 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 85,050 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 56,400 (70.9) | 49,600 (76.2) | 47,700 (79.5) | | | | | | | | |
| 10 | 41,150 (67.6) | 38,750 (73.9) | 36,300 (77.7) | | | | | | | | |
| 12 | 31,650 (63.8) | 30,300 (71.5) | 28,800 (75.9) | 27,300 (78.7) | | | | | | | |
| 15 | 22,600 (57.8) | 22,100 (67.8) | 21,300 (73.1) | 20,450 (76.5) | 19,550 (78.9) | | | | | | |
| 20 | 13,700 (46.4) | 14,150 (60.5) | 13,900 (68.3) | 13,550 (72.7) | 13,050 (75.7) | 12,650 (77.8) | 12,150 (79.7) | | | | |
| 25 | 8,280 (30) | 9,330 (52.4) | 9,480 (62.7) | 9,340 (68.7) | 9,100 (72.5) | 8,860 (75.1) | 8,570 (77.3) | 8,290 (79) | | | |
| 30 | | 5,970 (43.1) | 6,470 (56.6) | 6,520 (64.3) | 6,400 (69.1) | 6,260 (72.3) | 6,080 (74.9) | 5,900 (76.8) | 5,720 (78.4) | 5,510 (79.7) | |
| 35 | | 3,650 (29.8) | 4,300 (49.8) | 4,470 (59.3) | 4,450 (65.5) | 4,380 (69.4) | 4,260 (72.4) | 4,140 (74.6) | 4,020 (76.5) | 3,870 (78) | 3,730 (78.8) |
| 40 | | | 2,610 (42.1) | 2,890 (53.9) | 2,970 (61.2) | 2,940 (66.4) | 2,870 (69.8) | 2,790 (72.4) | 2,710 (74.5) | 2,600 (76.2) | 2,480 (77.1) |
| 45 | | | 1,330 (31.5) | 1,660 (48.1) | 1,770 (56.8) | 1,820 (62.8) | 1,770 (67.1) | 1,730 (70.1) | 1,670 (72.5) | 1,580 (74.4) | 1,480 (75.4) |
| 50 | | | | 680 (41.6) | 800 (52.1) | 880 (59) | 890 (64) | 860 (67.8) | 820 (70.4) | 760 (72.6) | 660 (73.6) |
| Min. boom angle for indicated length (no load) | | | 30.5° | 40.6° | 51.1° | 58° | 63° | 66.8° | 69.4° | 71.6° | 72.6° |
| Max. boom length at 0° boom angle (no load) | | | 47.6 ft. | | | | | | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|-----------------|------|------|------|------|-------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 5,900 (28.3) | 2,120 (39.5) | | | | | | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 6,400 | 3,650 | 3,450 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 5,000 | 3,200 | 3,000 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 8,600 | 5,000 | 4,650 | 3,300 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131214

RATED LIFTING CAPACITIES IN POUNDS

37 FT. - 151 FT. BOOM

WITH 6,000 LB. COUNTERWEIGHT

ON OUTRIGGERS FULLY EXTENDED - 360°

| Radius in Feet | #5001 or #5003 or #5005 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 120,000 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 100,000 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 87,700 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 77,650 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 65,900 (57.8) | 49,600 (67.8) | 49,600 (73.1) | 46,700 (76.5) | 39,700 (78.9) | | | | | | |
| 20 | 52,000 (46.4) | 49,600 (60.5) | 49,600 (68.3) | 42,050 (72.7) | 36,100 (75.7) | 30,250 (77.8) | 23,550 (79.7) | | | | |
| 25 | 37,450 (30) | 41,800 (52.4) | 42,550 (62.7) | 38,150 (68.7) | 32,950 (72.5) | 27,400 (75.1) | 21,150 (77.3) | 18,600 (79) | | | |
| 30 | | 32,550 (43.1) | 33,300 (56.6) | 33,750 (64.3) | 30,250 (69.1) | 24,700 (72.3) | 19,100 (74.9) | 16,950 (76.8) | 14,500 (78.4) | 11,300 (79.7) | |
| 35 | | 26,100 (29.8) | 26,850 (49.8) | 27,350 (59.3) | 27,600 (65.5) | 22,350 (69.4) | 17,250 (72.4) | 15,450 (74.6) | 13,900 (76.5) | 11,300 (78) | 10,050 (78.8) |
| 40 | | | 21,650 (42.1) | 21,750 (53.9) | 22,100 (61.2) | 20,300 (66.4) | 15,700 (69.8) | 14,150 (72.4) | 12,800 (74.5) | 11,300 (76.2) | 10,050 (77.1) |
| 45 | | | 17,300 (31.5) | 17,400 (48.1) | 17,650 (56.8) | 17,850 (62.8) | 14,350 (67.1) | 12,950 (70.1) | 11,750 (72.5) | 10,700 (74.4) | 10,050 (75.4) |
| 50 | | | 13,100 (15.9) | 14,200 (41.6) | 14,350 (52.1) | 14,600 (59) | 13,200 (64) | 11,900 (67.8) | 10,850 (70.4) | 9,930 (72.6) | 9,470 (73.6) |
| 55 | | | | 11,750 (32.7) | 11,850 (47) | 12,100 (55) | 12,150 (60.7) | 11,000 (65) | 10,000 (68.3) | 9,200 (70.7) | 8,780 (71.8) |
| 60 | | | | 9,800 (21) | 9,860 (41.3) | 10,100 (50.7) | 10,450 (57.2) | 10,150 (62.1) | 9,300 (65.9) | 8,540 (68.8) | 8,160 (70) |
| 65 | | | | | 8,230 (33.6) | 8,540 (46.2) | 8,860 (53.6) | 8,900 (59.1) | 8,640 (63.3) | 7,940 (66.7) | 7,590 (68.1) |
| 70 | | | | | 6,890 (24.1) | 7,210 (41.2) | 7,530 (49.7) | 7,580 (55.9) | 7,590 (60.6) | 7,380 (64.3) | 7,070 (66) |
| 75 | | | | | 5,400 (8.3) | 6,090 (34.3) | 6,420 (45.6) | 6,470 (52.6) | 6,480 (57.7) | 6,530 (61.8) | 6,510 (63.7) |
| 80 | | | | | | 5,140 (26.3) | 5,480 (41.1) | 5,520 (49.1) | 5,530 (54.8) | 5,590 (59.3) | 5,590 (61.3) |
| 85 | | | | | | 4,310 (15.3) | 4,660 (35) | 4,690 (45.3) | 4,710 (51.7) | 4,770 (56.7) | 4,760 (58.8) |
| 90 | | | | | | | 3,950 (27.9) | 3,980 (41.2) | 3,990 (48.5) | 4,060 (53.9) | 4,050 (56.3) |
| 95 | | | | | | | 3,310 (19) | 3,340 (35.6) | 3,370 (45) | 3,440 (51.1) | 3,420 (53.7) |
| 100 | | | | | | | | 2,780 (29.3) | 2,810 (41.2) | 2,880 (48) | 2,860 (50.9) |
| 105 | | | | | | | | 2,280 (21.7) | 2,310 (36.1) | 2,390 (44.8) | 2,370 (48) |
| 110 | | | | | | | | 1,810 (10.7) | 1,860 (30.3) | 1,940 (41.3) | 1,900 (45) |
| 115 | | | | | | | | | 1,460 (23.7) | 1,540 (36.5) | 1,460 (41.6) |
| 120 | | | | | | | | | 1,090 (15.1) | 1,180 (31.3) | 1,060 (37) |
| 125 | | | | | | | | | | 840 (25.4) | 680 (32.1) |
| 130 | | | | | | | | | | 540 (18.1) | |
| Min. boom angle for indicated length (no load) | | | | | | | | 9.7° | 14.1° | 17.1° | 31.1° |
| Max. boom length at 0° boom angle (no load) | | | | | | | | 107.6 ft. | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|------------------|-----------------|-----------------|-----------------|-----------------|---------------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 14,400 (28.3) | 10,000 (39.5) | 6,570 (51.5) | 4,360 (63.5) | 2,820 (75.5) | 1,690 (87.5) | 820 (99.5) | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 2,650 | 2,550 | 2,550 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 3,400 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131215

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 6,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #5015 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 7,720 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 7,720 (75.2) | 6,370 (76.6) | 5,200 (77.8) | 4,420 (78.5) |
| 50 | 7,670 (73.5) | 6,370 (75.1) | 5,200 (76.4) | 4,420 (77.1) |
| 55 | 7,260 (71.8) | 6,370 (73.6) | 5,200 (75) | 4,420 (75.8) |
| 60 | 6,880 (70.1) | 6,370 (72) | 5,200 (73.6) | 4,420 (74.4) |
| 65 | 6,520 (68.4) | 6,260 (70.5) | 5,200 (72.2) | 4,420 (73.1) |
| 70 | 6,180 (66.6) | 5,960 (68.8) | 5,200 (70.7) | 4,420 (71.7) |
| 75 | 5,870 (64.4) | 5,690 (67.2) | 5,200 (69.2) | 4,420 (70.3) |
| 80 | 5,580 (62.1) | 5,400 (65.2) | 4,990 (67.7) | 4,420 (68.8) |
| 85 | 5,310 (59.8) | 5,060 (63.2) | 4,680 (65.9) | 4,420 (67.3) |
| 90 | 4,660 (57.4) | 4,540 (61) | 4,380 (64) | 4,200 (65.5) |
| 95 | 4,030 (54.9) | 3,910 (58.8) | 3,790 (62.1) | 3,690 (63.7) |
| 100 | 3,480 (52.4) | 3,350 (56.6) | 3,240 (60) | 3,140 (61.8) |
| 105 | 2,980 (49.7) | 2,860 (54.3) | 2,740 (58) | 2,650 (59.8) |
| 110 | 2,540 (46.9) | 2,420 (51.9) | 2,300 (55.9) | 2,200 (57.8) |
| 115 | 2,140 (44) | 2,020 (49.4) | 1,900 (53.7) | 1,800 (55.7) |
| 120 | 1,780 (40.8) | 1,660 (46.7) | 1,540 (51.4) | 1,440 (53.6) |
| 125 | 1,460 (36.3) | 1,330 (44) | 1,210 (49.1) | 1,120 (51.4) |
| 130 | 1,160 (31.5) | 1,030 (40.9) | 910 (46.6) | 820 (49.2) |
| 135 | 900 (26.2) | 760 (36.8) | 640 (44) | 540 (46.8) |
| 140 | 660 (20) | 520 (32.3) | | |
| Min. boom angle for indicated length (no load) | 19° | 31.3° | 43° | 45.8° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131251_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
2. For boom angles not shown, use the rating of the next lower boom angle.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
4. Capacities listed are with outriggers properly extended and vertical jacks set only.

WARNING: Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 6,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #5020 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,730 (77.8) | | | |
| 50 | 6,540 (76.2) | 6,400 (77.6) | | |
| 55 | 6,360 (74.5) | 6,150 (76.1) | 5,590 (77.4) | 4,940 (78) |
| 60 | 6,100 (72.8) | 5,880 (74.5) | 5,590 (75.9) | 4,940 (76.7) |
| 65 | 5,810 (71) | 5,620 (72.9) | 5,370 (74.5) | 4,940 (75.3) |
| 70 | 5,550 (69.2) | 5,380 (71.3) | 5,160 (73) | 4,940 (73.9) |
| 75 | 5,300 (67.4) | 5,150 (69.6) | 4,960 (71.6) | 4,840 (72.5) |
| 80 | 5,070 (65.3) | 4,930 (68) | 4,760 (70) | 4,660 (71.1) |
| 85 | 4,860 (63) | 4,730 (66.1) | 4,580 (68.5) | 4,480 (69.6) |
| 90 | 4,660 (60.6) | 4,550 (64) | 4,400 (66.9) | 4,250 (68.1) |
| 95 | 4,450 (58.1) | 4,360 (61.8) | 4,150 (64.9) | 3,980 (66.4) |
| 100 | 3,850 (55.6) | 3,760 (59.5) | 3,670 (62.9) | 3,590 (64.5) |
| 105 | 3,320 (52.9) | 3,230 (57.2) | 3,140 (60.8) | 3,060 (62.5) |
| 110 | 2,840 (50.1) | 2,760 (54.8) | 2,670 (58.7) | 2,580 (60.5) |
| 115 | 2,410 (47.1) | 2,330 (52.3) | 2,240 (56.5) | 2,150 (58.4) |
| 120 | 2,020 (43.9) | 1,940 (49.7) | 1,850 (54.2) | 1,770 (56.3) |
| 125 | 1,660 (40.3) | 1,580 (46.9) | 1,490 (51.8) | 1,410 (54.1) |
| 130 | 1,340 (35.2) | 1,250 (43.9) | 1,170 (49.3) | 1,090 (51.8) |
| 135 | 1,040 (29.6) | 950 (40.5) | 870 (46.7) | 790 (49.4) |
| 140 | 760 (23) | 680 (35.8) | 590 (43.9) | 510 (46.9) |
| Min. boom angle for indicated length (no load) | 22° | 34.8° | 42.9° | 45.9° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131251_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 6,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #5025 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,530 (76.9) | 5,440 (78.2) | | |
| 60 | 5,420 (75.1) | 5,350 (76.6) | 5,190 (78) | |
| 65 | 5,320 (73.3) | 5,190 (75) | 5,000 (76.5) | 4,870 (77.2) |
| 70 | 5,140 (71.5) | 4,990 (73.4) | 4,810 (75) | 4,700 (75.8) |
| 75 | 4,940 (69.6) | 4,800 (71.7) | 4,640 (73.5) | 4,540 (74.3) |
| 80 | 4,760 (67.7) | 4,630 (70) | 4,470 (72) | 4,380 (72.9) |
| 85 | 4,580 (65.5) | 4,460 (68.2) | 4,320 (70.4) | 4,230 (71.4) |
| 90 | 4,420 (63.1) | 4,310 (66.4) | 4,170 (68.8) | 4,090 (69.9) |
| 95 | 4,270 (60.6) | 4,160 (64.1) | 4,030 (67.1) | 3,960 (68.3) |
| 100 | 4,130 (57.9) | 4,020 (61.8) | 3,900 (65) | 3,820 (66.6) |
| 105 | 3,590 (55.2) | 3,530 (59.4) | 3,470 (62.9) | 3,400 (64.6) |
| 110 | 3,080 (52.2) | 3,020 (56.9) | 2,960 (60.7) | 2,890 (62.5) |
| 115 | 2,610 (49.2) | 2,560 (54.3) | 2,500 (58.5) | 2,440 (60.4) |
| 120 | 2,190 (45.8) | 2,140 (51.6) | 2,090 (56.1) | 2,020 (58.2) |
| 125 | 1,800 (42.2) | 1,760 (48.7) | 1,700 (53.7) | 1,640 (56) |
| 130 | 1,440 (37) | 1,400 (45.6) | 1,350 (51.1) | 1,290 (53.6) |
| 135 | | 1,080 (42.3) | 1,030 (48.4) | 970 (51.1) |
| 140 | | 770 (37.4) | 730 (45.5) | 670 (48.5) |
| Min. boom angle for indicated length (no load) | 36° | 36.4° | 44.5° | 47.5° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131251_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITH 6,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR

| Radius in Feet | #5026 or #5028 or #5030 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 120,000 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 107,000 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 95,850 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 86,000 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 74,250 (57.8) | 49,600 (67.8) | 49,600 (73.1) | 46,700 (76.5) | 39,700 (78.9) | | | | | | |
| 20 | 58,200 (46.4) | 49,600 (60.5) | 49,600 (68.3) | 42,050 (72.7) | 36,100 (75.7) | 30,250 (77.8) | 23,550 (79.7) | | | | |
| 25 | 37,450 (30) | 44,950 (52.4) | 45,500 (62.7) | 38,150 (68.7) | 32,950 (72.5) | 27,400 (75.1) | 21,150 (77.3) | 18,600 (79) | | | |
| 30 | | 35,750 (43.1) | 36,250 (56.6) | 34,950 (64.3) | 30,250 (69.1) | 24,700 (72.3) | 19,100 (74.9) | 16,950 (76.8) | 14,500 (78.4) | 11,300 (79.7) | |
| 35 | | 27,400 (29.8) | 29,700 (49.8) | 30,050 (59.3) | 27,950 (65.5) | 22,350 (69.4) | 17,250 (72.4) | 15,450 (74.6) | 13,900 (76.5) | 11,300 (78) | 10,050 (78.8) |
| 40 | | | 24,250 (42.1) | 24,550 (53.9) | 24,700 (61.2) | 20,300 (66.4) | 15,700 (69.8) | 14,150 (72.4) | 12,800 (74.5) | 11,300 (76.2) | 10,050 (77.1) |
| 45 | | | 19,800 (31.5) | 20,100 (48.1) | 20,250 (56.8) | 18,600 (62.8) | 14,350 (67.1) | 12,950 (70.1) | 11,750 (72.5) | 10,700 (74.4) | 10,050 (75.4) |
| 50 | | | 13,100 (15.9) | 16,700 (41.6) | 16,850 (52.1) | 16,950 (59) | 13,200 (64) | 11,900 (67.8) | 10,850 (70.4) | 9,930 (72.6) | 9,470 (73.6) |
| 55 | | | | 14,050 (32.7) | 14,200 (47) | 14,300 (55) | 12,150 (60.7) | 11,000 (65) | 10,000 (68.3) | 9,200 (70.7) | 8,780 (71.8) |
| 60 | | | | 11,950 (21) | 12,100 (41.3) | 12,200 (50.7) | 11,250 (57.2) | 10,150 (62.1) | 9,300 (65.9) | 8,540 (68.8) | 8,160 (70) |
| 65 | | | | | 10,450 (33.6) | 10,550 (46.2) | 10,450 (53.6) | 9,460 (59.1) | 8,640 (63.3) | 7,940 (66.7) | 7,590 (68.1) |
| 70 | | | | | 9,030 (24.1) | 9,150 (41.2) | 9,220 (49.7) | 8,800 (55.9) | 8,030 (60.6) | 7,380 (64.3) | 7,070 (66) |
| 75 | | | | | 5,400 (8.3) | 7,940 (34.3) | 8,000 (45.6) | 8,060 (52.6) | 7,460 (57.7) | 6,840 (61.8) | 6,550 (63.7) |
| 80 | | | | | | 6,900 (26.3) | 6,960 (41.1) | 7,020 (49.1) | 6,840 (54.8) | 6,260 (59.3) | 5,980 (61.3) |
| 85 | | | | | | 5,950 (15.3) | 6,060 (35) | 6,120 (45.3) | 6,160 (51.7) | 5,720 (56.7) | 5,460 (58.8) |
| 90 | | | | | | | 5,280 (27.9) | 5,330 (41.2) | 5,370 (48.5) | 5,240 (53.9) | 4,990 (56.3) |
| 95 | | | | | | | 4,580 (19) | 4,640 (35.6) | 4,670 (45) | 4,690 (51.1) | 4,550 (53.7) |
| 100 | | | | | | | | 4,030 (29.3) | 4,060 (41.2) | 4,070 (48) | 4,030 (50.9) |
| 105 | | | | | | | | 3,480 (21.7) | 3,510 (36.1) | 3,520 (44.8) | 3,480 (48) |
| 110 | | | | | | | | 2,440 (10.7) | 3,020 (30.3) | 3,030 (41.3) | 2,980 (45) |
| 115 | | | | | | | | | 2,580 (23.7) | 2,580 (36.5) | 2,540 (41.6) |
| 120 | | | | | | | | | 2,170 (15.1) | 2,180 (31.3) | 2,130 (37) |
| 125 | | | | | | | | | | 1,810 (25.4) | 1,770 (32.1) |
| 130 | | | | | | | | | | 1,470 (18.1) | 1,430 (26.5) |
| 135 | | | | | | | | | | | 1,120 (19.9) |
| 140 | | | | | | | | | | | 720 (10.5) |
| Min. boom angle for indicated length (no load) | | | | | | | | 9.5° | 9.5° | 9.5° | 9.5° |
| Max. boom length at 0° boom angle (no load) | | | | | | | | 107.6 ft. | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|------------------|-----------------|-----------------|-----------------|-----------------|---------------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 14,400 (28.3) | 10,000 (39.5) | 6,570 (51.5) | 4,360 (63.5) | 2,820 (75.5) | 1,690 (87.5) | 820 (99.5) | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 2,200 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 2,550 | 2,550 | 2,550 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131216

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 6,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #5040 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 7,720 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 7,720 (75.2) | 6,370 (76.6) | 5,200 (77.8) | 4,420 (78.5) |
| 50 | 7,670 (73.5) | 6,370 (75.1) | 5,200 (76.4) | 4,420 (77.1) |
| 55 | 7,260 (71.8) | 6,370 (73.6) | 5,200 (75) | 4,420 (75.8) |
| 60 | 6,880 (70.1) | 6,370 (72) | 5,200 (73.6) | 4,420 (74.4) |
| 65 | 6,520 (68.4) | 6,260 (70.5) | 5,200 (72.2) | 4,420 (73.1) |
| 70 | 6,180 (66.6) | 5,960 (68.8) | 5,200 (70.7) | 4,420 (71.7) |
| 75 | 5,870 (64.4) | 5,690 (67.2) | 5,200 (69.2) | 4,420 (70.3) |
| 80 | 5,580 (62.1) | 5,400 (65.2) | 4,990 (67.7) | 4,420 (68.8) |
| 85 | 5,310 (59.8) | 5,060 (63.2) | 4,680 (65.9) | 4,420 (67.3) |
| 90 | 5,070 (57.4) | 4,750 (61) | 4,380 (64) | 4,200 (65.5) |
| 95 | 4,830 (54.9) | 4,450 (58.8) | 4,100 (62.1) | 3,930 (63.7) |
| 100 | 4,540 (52.4) | 4,170 (56.6) | 3,840 (60) | 3,670 (61.8) |
| 105 | 4,230 (49.7) | 3,920 (54.3) | 3,600 (58) | 3,430 (59.8) |
| 110 | 3,740 (46.9) | 3,620 (51.9) | 3,370 (55.9) | 3,070 (57.8) |
| 115 | 3,290 (44) | 3,170 (49.4) | 3,050 (53.7) | 2,730 (55.7) |
| 120 | 2,880 (40.8) | 2,760 (46.7) | 2,640 (51.4) | 2,420 (53.6) |
| 125 | 2,510 (36.3) | 2,390 (44) | 2,270 (49.1) | 2,130 (51.4) |
| 130 | 2,180 (31.5) | 2,050 (40.9) | 1,930 (46.6) | 1,840 (49.2) |
| 135 | 1,870 (26.2) | 1,740 (36.8) | 1,620 (44) | 1,520 (46.8) |
| 140 | 1,600 (20) | 1,460 (32.3) | 1,340 (41.2) | 1,240 (44.3) |
| 145 | 1,320 (11.7) | 1,200 (27.4) | 1,070 (37.2) | 970 (41.6) |
| 150 | | 960 (21.8) | 830 (33) | 730 (37.8) |
| 155 | | 750 (14.9) | 610 (28.5) | 510 (33.7) |
| Min. boom angle for indicated length (no load) | 10.7° | 13.9° | 27.5° | 32.7° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions. 80131252_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 6,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #5045 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,730 (77.8) | | | |
| 50 | 6,540 (76.2) | 6,400 (77.6) | | |
| 55 | 6,360 (74.5) | 6,150 (76.1) | 5,590 (77.4) | 4,940 (78) |
| 60 | 6,100 (72.8) | 5,880 (74.5) | 5,590 (75.9) | 4,940 (76.7) |
| 65 | 5,810 (71) | 5,620 (72.9) | 5,370 (74.5) | 4,940 (75.3) |
| 70 | 5,550 (69.2) | 5,380 (71.3) | 5,160 (73) | 4,940 (73.9) |
| 75 | 5,300 (67.4) | 5,150 (69.6) | 4,960 (71.6) | 4,840 (72.5) |
| 80 | 5,070 (65.3) | 4,930 (68) | 4,760 (70) | 4,660 (71.1) |
| 85 | 4,860 (63) | 4,730 (66.1) | 4,580 (68.5) | 4,480 (69.6) |
| 90 | 4,660 (60.6) | 4,550 (64) | 4,400 (66.9) | 4,250 (68.1) |
| 95 | 4,480 (58.1) | 4,370 (61.8) | 4,150 (64.9) | 3,980 (66.4) |
| 100 | 4,310 (55.6) | 4,200 (59.5) | 3,890 (62.9) | 3,730 (64.5) |
| 105 | 4,150 (52.9) | 3,950 (57.2) | 3,650 (60.8) | 3,500 (62.5) |
| 110 | 4,010 (50.1) | 3,710 (54.8) | 3,420 (58.7) | 3,270 (60.5) |
| 115 | 3,550 (47.1) | 3,470 (52.3) | 3,200 (56.5) | 2,940 (58.4) |
| 120 | 3,110 (43.9) | 3,030 (49.7) | 2,940 (54.2) | 2,610 (56.3) |
| 125 | 2,720 (40.3) | 2,630 (46.9) | 2,550 (51.8) | 2,320 (54.1) |
| 130 | 2,350 (35.2) | 2,270 (43.9) | 2,180 (49.3) | 2,040 (51.8) |
| 135 | 2,010 (29.6) | 1,930 (40.5) | 1,850 (46.7) | 1,770 (49.4) |
| 140 | 1,700 (23) | 1,620 (35.8) | 1,540 (43.9) | 1,460 (46.9) |
| 145 | | 1,330 (30.6) | 1,250 (40.7) | 1,170 (44.2) |
| 150 | | 1,070 (24.7) | 990 (36.3) | 910 (41.1) |
| 155 | | 820 (17.3) | 740 (31.5) | 660 (36.9) |
| 160 | | | 510 (26.1) | |
| Min. boom angle for indicated length (no load) | 16.3° | 16.3° | 25.1° | 35.9° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131252_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 6,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #5050 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,530 (76.9) | 5,440 (78.2) | | |
| 60 | 5,420 (75.1) | 5,350 (76.6) | 5,190 (78) | |
| 65 | 5,320 (73.3) | 5,190 (75) | 5,000 (76.5) | 4,870 (77.2) |
| 70 | 5,140 (71.5) | 4,990 (73.4) | 4,810 (75) | 4,700 (75.8) |
| 75 | 4,940 (69.6) | 4,800 (71.7) | 4,640 (73.5) | 4,540 (74.3) |
| 80 | 4,760 (67.7) | 4,630 (70) | 4,470 (72) | 4,380 (72.9) |
| 85 | 4,580 (65.5) | 4,460 (68.2) | 4,320 (70.4) | 4,230 (71.4) |
| 90 | 4,420 (63.1) | 4,310 (66.4) | 4,170 (68.8) | 4,090 (69.9) |
| 95 | 4,270 (60.6) | 4,160 (64.1) | 4,030 (67.1) | 3,960 (68.3) |
| 100 | 4,130 (57.9) | 4,020 (61.8) | 3,900 (65) | 3,820 (66.6) |
| 105 | 4,010 (55.2) | 3,900 (59.4) | 3,730 (62.9) | 3,580 (64.6) |
| 110 | 3,890 (52.2) | 3,780 (56.9) | 3,500 (60.7) | 3,360 (62.5) |
| 115 | 3,750 (49.2) | 3,550 (54.3) | 3,280 (58.5) | 3,100 (60.4) |
| 120 | 3,280 (45.8) | 3,230 (51.6) | 3,070 (56.1) | 2,760 (58.2) |
| 125 | 2,850 (42.2) | 2,810 (48.7) | 2,760 (53.7) | 2,450 (56) |
| 130 | 2,450 (37) | 2,420 (45.6) | 2,370 (51.1) | 2,170 (53.6) |
| 135 | | 2,050 (42.3) | 2,010 (48.4) | 1,900 (51.1) |
| 140 | | 1,710 (37.4) | 1,670 (45.5) | 1,610 (48.5) |
| 145 | | | 1,360 (42.4) | 1,310 (45.7) |
| 150 | | | 1,070 (37.8) | 1,020 (42.7) |
| 155 | | | | 750 (38.4) |
| Min. boom angle for indicated length (no load) | 36° | 36.4° | 36.8° | 37.4° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131252_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITH 6,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

| Radius in Feet | #5401 or #5403 or #5405 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 120,000 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 107,000 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 95,350 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 84,250 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 61,150 (57.8) | 49,600 (67.8) | 49,600 (73.1) | 46,700 (76.5) | 39,700 (78.9) | | | | | | |
| 20 | 36,050 (46.4) | 35,850 (60.5) | 34,500 (68.3) | 33,150 (72.7) | 31,800 (75.7) | 30,250 (77.8) | 23,550 (79.7) | | | | |
| 25 | 22,950 (30) | 24,000 (52.4) | 24,300 (62.7) | 23,600 (68.7) | 22,850 (72.5) | 22,150 (75.1) | 21,150 (77.3) | 18,600 (79) | | | |
| 30 | | 16,900 (43.1) | 17,400 (56.6) | 17,650 (64.3) | 17,250 (69.1) | 16,800 (72.3) | 16,350 (74.9) | 15,900 (76.8) | 14,500 (78.4) | 11,300 (79.7) | |
| 35 | | 12,200 (29.8) | 12,850 (49.8) | 13,150 (59.3) | 13,300 (65.5) | 13,100 (69.4) | 12,750 (72.4) | 12,450 (74.6) | 12,150 (76.5) | 11,300 (78) | 10,050 (78.8) |
| 40 | | | 9,750 (42.1) | 10,050 (53.9) | 10,250 (61.2) | 10,350 (66.4) | 10,100 (69.8) | 9,930 (72.4) | 9,710 (74.5) | 9,470 (76.2) | 9,280 (77.1) |
| 45 | | | 7,370 (31.5) | 7,760 (48.1) | 7,930 (56.8) | 8,070 (62.8) | 8,120 (67.1) | 7,960 (70.1) | 7,800 (72.5) | 7,610 (74.4) | 7,450 (75.4) |
| 50 | | | 5,570 (15.9) | 5,970 (41.6) | 6,170 (52.1) | 6,300 (59) | 6,380 (64) | 6,400 (67.8) | 6,270 (70.4) | 6,130 (72.6) | 5,990 (73.6) |
| 55 | | | | 4,540 (32.7) | 4,770 (47) | 4,900 (55) | 4,980 (60.7) | 5,050 (65) | 5,030 (68.3) | 4,910 (70.7) | 4,790 (71.8) |
| 60 | | | | 3,390 (21) | 3,630 (41.3) | 3,780 (50.7) | 3,850 (57.2) | 3,920 (62.1) | 3,970 (65.9) | 3,890 (68.8) | 3,780 (70) |
| 65 | | | | | 2,670 (33.6) | 2,850 (46.2) | 2,920 (53.6) | 2,990 (59.1) | 3,030 (63.3) | 3,040 (66.7) | 2,930 (68.1) |
| 70 | | | | | 1,870 (24.1) | 2,050 (41.2) | 2,140 (49.7) | 2,210 (55.9) | 2,250 (60.6) | 2,270 (64.3) | 2,210 (66) |
| 75 | | | | | 1,200 (8.3) | 1,370 (34.3) | 1,480 (45.6) | 1,540 (52.6) | 1,590 (57.7) | 1,610 (61.8) | 1,560 (63.7) |
| 80 | | | | | | 780 (26.3) | 890 (41.1) | 970 (49.1) | 1,010 (54.8) | 1,030 (59.3) | 990 (61.3) |
| 85 | | | | | | | | | 520 (51.7) | 540 (56.7) | |
| Min. boom angle for indicated length (no load) | | | | | | 25.3° | 40.1° | 48.1° | 50.7° | 55.7° | 60.3° |
| Max. boom length at 0° boom angle (no load) | | | | | | 83.6 ft. | | | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|-----------------|-----------------|-----------------|-----------------|------|-------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 14,400 (28.3) | 9,320 (39.5) | 5,110 (51.5) | 2,720 (63.5) | 1,150 (75.5) | | | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 4,300 | 2,800 | 2,650 | 2,500 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 3,900 | 2,800 | 2,650 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 6,000 | 3,950 | 3,700 | 3,550 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131218

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 6,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #5415 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 7,720 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 7,720 (75.2) | 6,370 (76.6) | 5,200 (77.8) | 4,420 (78.5) |
| 50 | 6,780 (73.5) | 6,370 (75.1) | 5,200 (76.4) | 4,420 (77.1) |
| 55 | 5,580 (71.8) | 5,310 (73.6) | 5,050 (75) | 4,420 (75.8) |
| 60 | 4,580 (70.1) | 4,340 (72) | 4,100 (73.6) | 3,930 (74.4) |
| 65 | 3,730 (68.4) | 3,510 (70.5) | 3,290 (72.2) | 3,130 (73.1) |
| 70 | 2,960 (66.6) | 2,790 (68.8) | 2,590 (70.7) | 2,440 (71.7) |
| 75 | 2,290 (64.4) | 2,170 (67.2) | 1,980 (69.2) | 1,830 (70.3) |
| 80 | 1,710 (62.1) | 1,600 (65.2) | 1,450 (67.7) | 1,310 (68.8) |
| 85 | 1,210 (59.8) | 1,100 (63.2) | 970 (65.9) | 840 (67.3) |
| 90 | 780 (57.4) | 660 (61) | 550 (64) | |
| Min. boom angle for indicated length (no load) | 56.4° | 60° | 63° | 66.3° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131254_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
2. For boom angles not shown, use the rating of the next lower boom angle.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
4. Capacities listed are with outriggers properly extended and vertical jacks set only.

WARNING: Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 6,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #5420 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,730 (77.8) | | | |
| 50 | 6,540 (76.2) | 6,400 (77.6) | | |
| 55 | 6,360 (74.5) | 6,150 (76.1) | 5,590 (77.4) | 4,940 (78) |
| 60 | 5,400 (72.8) | 5,170 (74.5) | 4,940 (75.9) | 4,790 (76.7) |
| 65 | 4,470 (71) | 4,260 (72.9) | 4,060 (74.5) | 3,910 (75.3) |
| 70 | 3,630 (69.2) | 3,480 (71.3) | 3,290 (73) | 3,150 (73.9) |
| 75 | 2,890 (67.4) | 2,800 (69.6) | 2,630 (71.6) | 2,490 (72.5) |
| 80 | 2,260 (65.3) | 2,170 (68) | 2,040 (70) | 1,910 (71.1) |
| 85 | 1,710 (63) | 1,620 (66.1) | 1,520 (68.5) | 1,400 (69.6) |
| 90 | 1,220 (60.6) | 1,140 (64) | 1,050 (66.9) | 940 (68.1) |
| 95 | 800 (58.1) | 710 (61.8) | 620 (64.9) | 530 (66.4) |
| Min. boom angle for indicated length (no load) | 57.1° | 60.8° | 63.9° | 65.4° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131254_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 6,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #5425 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,530 (76.9) | 5,440 (78.2) | | |
| 60 | 5,420 (75.1) | 5,350 (76.6) | 5,190 (78) | |
| 65 | 5,130 (73.3) | 4,940 (75) | 4,760 (76.5) | 4,620 (77.2) |
| 70 | 4,210 (71.5) | 4,100 (73.4) | 3,920 (75) | 3,800 (75.8) |
| 75 | 3,420 (69.6) | 3,350 (71.7) | 3,200 (73.5) | 3,080 (74.3) |
| 80 | 2,730 (67.7) | 2,660 (70) | 2,560 (72) | 2,450 (72.9) |
| 85 | 2,130 (65.5) | 2,070 (68.2) | 2,000 (70.4) | 1,890 (71.4) |
| 90 | 1,600 (63.1) | 1,540 (66.4) | 1,470 (68.8) | 1,390 (69.9) |
| 95 | 1,130 (60.6) | 1,070 (64.1) | 1,010 (67.1) | 940 (68.3) |
| 100 | 710 (57.9) | 660 (61.8) | 590 (65) | 530 (66.6) |
| Min. boom angle for indicated length (no load) | 56.9° | 60.8° | 64° | 65.6° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131254_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITH 6,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 0° EXTENDED - 360°

| Radius in Feet | #5801 or #5803 or #5805 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 79,950 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 52,900 (70.9) | 48,700 (76.2) | 44,750 (79.5) | | | | | | | | |
| 10 | 38,450 (67.6) | 36,250 (73.9) | 33,950 (77.7) | | | | | | | | |
| 12 | 29,450 (63.8) | 28,250 (71.5) | 26,850 (75.9) | 25,450 (78.7) | | | | | | | |
| 15 | 20,850 (57.8) | 20,450 (67.8) | 19,750 (73.1) | 18,950 (76.5) | 18,100 (78.9) | | | | | | |
| 20 | 12,500 (46.4) | 12,900 (60.5) | 12,700 (68.3) | 12,400 (72.7) | 12,000 (75.7) | 11,550 (77.8) | 11,150 (79.7) | | | | |
| 25 | 7,390 (30) | 8,360 (52.4) | 8,550 (62.7) | 8,430 (68.7) | 8,220 (72.5) | 8,000 (75.1) | 7,730 (77.3) | 7,470 (79) | | | |
| 30 | | 5,250 (43.1) | 5,690 (56.6) | 5,760 (64.3) | 5,650 (69.1) | 5,540 (72.3) | 5,370 (74.9) | 5,210 (76.8) | 5,030 (78.4) | 4,840 (79.7) | |
| 35 | | 3,040 (29.8) | 3,630 (49.8) | 3,820 (59.3) | 3,800 (65.5) | 3,750 (69.4) | 3,640 (72.4) | 3,540 (74.6) | 3,420 (76.5) | 3,280 (78) | 3,150 (78.8) |
| 40 | | | 2,090 (42.1) | 2,310 (53.9) | 2,400 (61.2) | 2,390 (66.4) | 2,320 (69.8) | 2,260 (72.4) | 2,180 (74.5) | 2,080 (76.2) | 1,960 (77.1) |
| 45 | | | 870 (31.5) | 1,150 (48.1) | 1,260 (56.8) | 1,320 (62.8) | 1,280 (67.1) | 1,250 (70.1) | 1,190 (72.5) | 1,120 (74.4) | 1,010 (75.4) |
| Min. boom angle for indicated length (no load) | | | 30.5° | 47.1° | 55.8° | 61.8° | 66.1° | 69.1° | 71.5° | 73.4° | 74.4° |
| Max. boom length at 0° boom angle (no load) | | | 47.6 ft. | | | | | | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|-----------------|------|------|------|------|-------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 5,130 (28.3) | 1,590 (39.5) | | | | | | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 6,400 | 3,650 | 3,450 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 5,000 | 3,200 | 3,000 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 8,600 | 5,000 | 4,650 | 3,300 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131219

RATED LIFTING CAPACITIES IN POUNDS

37 FT. - 151 FT. BOOM

WITH 5,000 LB. COUNTERWEIGHT

ON OUTRIGGERS FULLY EXTENDED - 360°

| Radius in Feet | #6001 or #6003 or #6005 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 116,000 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 100,000 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 87,400 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 77,400 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 65,650 (57.8) | 49,600 (67.8) | 49,600 (73.1) | 46,700 (76.5) | 39,700 (78.9) | | | | | | |
| 20 | 51,800 (46.4) | 49,600 (60.5) | 49,600 (68.3) | 42,050 (72.7) | 36,100 (75.7) | 30,250 (77.8) | 23,550 (79.7) | | | | |
| 25 | 37,450 (30) | 40,900 (52.4) | 41,700 (62.7) | 38,150 (68.7) | 32,950 (72.5) | 27,400 (75.1) | 21,150 (77.3) | 18,600 (79) | | | |
| 30 | | 31,800 (43.1) | 32,600 (56.6) | 33,000 (64.3) | 30,250 (69.1) | 24,700 (72.3) | 19,100 (74.9) | 16,950 (76.8) | 14,500 (78.4) | 11,300 (79.7) | |
| 35 | | 25,500 (29.8) | 26,250 (49.8) | 26,700 (59.3) | 26,950 (65.5) | 22,350 (69.4) | 17,250 (72.4) | 15,450 (74.6) | 13,900 (76.5) | 11,300 (78) | 10,050 (78.8) |
| 40 | | | 20,550 (42.1) | 20,850 (53.9) | 21,150 (61.2) | 20,300 (66.4) | 15,700 (69.8) | 14,150 (72.4) | 12,800 (74.5) | 11,300 (76.2) | 10,050 (77.1) |
| 45 | | | 16,400 (31.5) | 16,700 (48.1) | 16,900 (56.8) | 17,050 (62.8) | 14,350 (67.1) | 12,950 (70.1) | 11,750 (72.5) | 10,700 (74.4) | 10,050 (75.4) |
| 50 | | | 13,100 (15.9) | 13,600 (41.6) | 13,800 (52.1) | 13,950 (59) | 13,200 (64) | 11,900 (67.8) | 10,850 (70.4) | 9,930 (72.6) | 9,470 (73.6) |
| 55 | | | | 11,250 (32.7) | 11,400 (47) | 11,550 (55) | 11,650 (60.7) | 11,000 (65) | 10,000 (68.3) | 9,200 (70.7) | 8,780 (71.8) |
| 60 | | | | 9,430 (21) | 9,600 (41.3) | 9,750 (50.7) | 9,810 (57.2) | 9,850 (62.1) | 9,300 (65.9) | 8,540 (68.8) | 8,160 (70) |
| 65 | | | | | 8,070 (33.6) | 8,210 (46.2) | 8,280 (53.6) | 8,310 (59.1) | 8,340 (63.3) | 7,940 (66.7) | 7,590 (68.1) |
| 70 | | | | | 6,810 (24.1) | 6,940 (41.2) | 7,020 (49.7) | 7,040 (55.9) | 7,070 (60.6) | 7,130 (64.3) | 7,070 (66) |
| 75 | | | | | 5,400 (8.3) | 5,870 (34.3) | 5,950 (45.6) | 5,980 (52.6) | 6,000 (57.7) | 6,060 (61.8) | 6,070 (63.7) |
| 80 | | | | | | 4,970 (26.3) | 5,040 (41.1) | 5,070 (49.1) | 5,080 (54.8) | 5,150 (59.3) | 5,150 (61.3) |
| 85 | | | | | | 4,190 (15.3) | 4,250 (35) | 4,280 (45.3) | 4,290 (51.7) | 4,370 (56.7) | 4,360 (58.8) |
| 90 | | | | | | | 3,570 (27.9) | 3,590 (41.2) | 3,610 (48.5) | 3,680 (53.9) | 3,670 (56.3) |
| 95 | | | | | | | 2,980 (19) | 2,990 (35.6) | 3,000 (45) | 3,080 (51.1) | 3,060 (53.7) |
| 100 | | | | | | | | 2,460 (29.3) | 2,470 (41.2) | 2,550 (48) | 2,530 (50.9) |
| 105 | | | | | | | | 1,980 (21.7) | 1,990 (36.1) | 2,070 (44.8) | 2,050 (48) |
| 110 | | | | | | | | 1,550 (10.7) | 1,560 (30.3) | 1,640 (41.3) | 1,620 (45) |
| 115 | | | | | | | | | 1,170 (23.7) | 1,250 (36.5) | 1,220 (41.6) |
| 120 | | | | | | | | | 820 (15.1) | 900 (31.3) | 830 (37) |
| 125 | | | | | | | | | | 580 (25.4) | |
| Min. boom angle for indicated length (no load) | | | | | | | | 9.7° | 14.1° | 24.4° | 36° |
| Max. boom length at 0° boom angle (no load) | | | | | | | | 107.6 ft. | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|------------------|-----------------|-----------------|-----------------|-----------------|---------------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 14,400 (28.3) | 10,000 (39.5) | 6,570 (51.5) | 4,360 (63.5) | 2,820 (75.5) | 1,690 (87.5) | 820 (99.5) | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 2,650 | 2,550 | 2,550 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 3,400 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131220

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 5,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #6015 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 7,720 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 7,720 (75.2) | 6,370 (76.6) | 5,200 (77.8) | 4,420 (78.5) |
| 50 | 7,670 (73.5) | 6,370 (75.1) | 5,200 (76.4) | 4,420 (77.1) |
| 55 | 7,260 (71.8) | 6,370 (73.6) | 5,200 (75) | 4,420 (75.8) |
| 60 | 6,880 (70.1) | 6,370 (72) | 5,200 (73.6) | 4,420 (74.4) |
| 65 | 6,520 (68.4) | 6,260 (70.5) | 5,200 (72.2) | 4,420 (73.1) |
| 70 | 6,180 (66.6) | 5,960 (68.8) | 5,200 (70.7) | 4,420 (71.7) |
| 75 | 5,870 (64.4) | 5,690 (67.2) | 5,200 (69.2) | 4,420 (70.3) |
| 80 | 5,580 (62.1) | 5,400 (65.2) | 4,990 (67.7) | 4,420 (68.8) |
| 85 | 4,970 (59.8) | 4,840 (63.2) | 4,680 (65.9) | 4,420 (67.3) |
| 90 | 4,280 (57.4) | 4,160 (61) | 4,040 (64) | 3,940 (65.5) |
| 95 | 3,670 (54.9) | 3,550 (58.8) | 3,430 (62.1) | 3,340 (63.7) |
| 100 | 3,140 (52.4) | 3,020 (56.6) | 2,900 (60) | 2,800 (61.8) |
| 105 | 2,660 (49.7) | 2,540 (54.3) | 2,420 (58) | 2,330 (59.8) |
| 110 | 2,240 (46.9) | 2,110 (51.9) | 2,000 (55.9) | 1,900 (57.8) |
| 115 | 1,850 (44) | 1,730 (49.4) | 1,610 (53.7) | 1,520 (55.7) |
| 120 | 1,510 (40.8) | 1,380 (46.7) | 1,270 (51.4) | 1,170 (53.6) |
| 125 | 1,200 (36.3) | 1,070 (44) | 950 (49.1) | 850 (51.4) |
| 130 | 910 (31.5) | 780 (40.9) | 660 (46.6) | 560 (49.2) |
| 135 | 660 (26.2) | 520 (36.8) | | |
| Min. boom angle for indicated length (no load) | 25.2° | 35.8° | 45.6° | 48.2° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131255_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 5,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #6020 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,730 (77.8) | | | |
| 50 | 6,540 (76.2) | 6,400 (77.6) | | |
| 55 | 6,360 (74.5) | 6,150 (76.1) | 5,590 (77.4) | 4,940 (78) |
| 60 | 6,100 (72.8) | 5,880 (74.5) | 5,590 (75.9) | 4,940 (76.7) |
| 65 | 5,810 (71) | 5,620 (72.9) | 5,370 (74.5) | 4,940 (75.3) |
| 70 | 5,550 (69.2) | 5,380 (71.3) | 5,160 (73) | 4,940 (73.9) |
| 75 | 5,300 (67.4) | 5,150 (69.6) | 4,960 (71.6) | 4,840 (72.5) |
| 80 | 5,070 (65.3) | 4,930 (68) | 4,760 (70) | 4,660 (71.1) |
| 85 | 4,860 (63) | 4,730 (66.1) | 4,580 (68.5) | 4,480 (69.6) |
| 90 | 4,660 (60.6) | 4,550 (64) | 4,400 (66.9) | 4,250 (68.1) |
| 95 | 4,090 (58.1) | 4,000 (61.8) | 3,910 (64.9) | 3,820 (66.4) |
| 100 | 3,520 (55.6) | 3,430 (59.5) | 3,330 (62.9) | 3,250 (64.5) |
| 105 | 3,000 (52.9) | 2,910 (57.2) | 2,820 (60.8) | 2,740 (62.5) |
| 110 | 2,540 (50.1) | 2,450 (54.8) | 2,360 (58.7) | 2,280 (60.5) |
| 115 | 2,120 (47.1) | 2,040 (52.3) | 1,950 (56.5) | 1,870 (58.4) |
| 120 | 1,750 (43.9) | 1,660 (49.7) | 1,570 (54.2) | 1,490 (56.3) |
| 125 | 1,400 (40.3) | 1,320 (46.9) | 1,230 (51.8) | 1,150 (54.1) |
| 130 | 1,090 (35.2) | 1,000 (43.9) | 920 (49.3) | 830 (51.8) |
| 135 | 790 (29.6) | 710 (40.5) | 630 (46.7) | 550 (49.4) |
| 140 | 530 (23) | | | |
| Min. boom angle for indicated length (no load) | 22° | 39.5° | 45.7° | 48.4° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131255_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 5,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #6025 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,530 (76.9) | 5,440 (78.2) | | |
| 60 | 5,420 (75.1) | 5,350 (76.6) | 5,190 (78) | |
| 65 | 5,320 (73.3) | 5,190 (75) | 5,000 (76.5) | 4,870 (77.2) |
| 70 | 5,140 (71.5) | 4,990 (73.4) | 4,810 (75) | 4,700 (75.8) |
| 75 | 4,940 (69.6) | 4,800 (71.7) | 4,640 (73.5) | 4,540 (74.3) |
| 80 | 4,760 (67.7) | 4,630 (70) | 4,470 (72) | 4,380 (72.9) |
| 85 | 4,580 (65.5) | 4,460 (68.2) | 4,320 (70.4) | 4,230 (71.4) |
| 90 | 4,420 (63.1) | 4,310 (66.4) | 4,170 (68.8) | 4,090 (69.9) |
| 95 | 4,270 (60.6) | 4,160 (64.1) | 4,030 (67.1) | 3,960 (68.3) |
| 100 | 3,820 (57.9) | 3,760 (61.8) | 3,700 (65) | 3,630 (66.6) |
| 105 | 3,270 (55.2) | 3,210 (59.4) | 3,150 (62.9) | 3,080 (64.6) |
| 110 | 2,770 (52.2) | 2,720 (56.9) | 2,660 (60.7) | 2,590 (62.5) |
| 115 | 2,320 (49.2) | 2,270 (54.3) | 2,220 (58.5) | 2,150 (60.4) |
| 120 | 1,910 (45.8) | 1,870 (51.6) | 1,810 (56.1) | 1,740 (58.2) |
| 125 | 1,530 (42.2) | 1,500 (48.7) | 1,440 (53.7) | 1,380 (56) |
| 130 | 1,190 (37) | 1,150 (45.6) | 1,100 (51.1) | 1,040 (53.6) |
| 135 | | 840 (42.3) | 790 (48.4) | 730 (51.1) |
| 140 | | 540 (37.4) | 500 (45.5) | |
| Min. boom angle for indicated length (no load) | 36° | 36.4° | 44.5° | 50.1° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131255_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITH 5,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR

| Radius in Feet | #6026 or #6028 or #6030 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 120,000 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 107,000 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 95,750 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 85,900 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 74,150 (57.8) | 49,600 (67.8) | 49,600 (73.1) | 46,700 (76.5) | 39,700 (78.9) | | | | | | |
| 20 | 57,250 (46.4) | 49,600 (60.5) | 49,600 (68.3) | 42,050 (72.7) | 36,100 (75.7) | 30,250 (77.8) | 23,550 (79.7) | | | | |
| 25 | 37,450 (30) | 44,200 (52.4) | 44,750 (62.7) | 38,150 (68.7) | 32,950 (72.5) | 27,400 (75.1) | 21,150 (77.3) | 18,600 (79) | | | |
| 30 | | 35,100 (43.1) | 35,650 (56.6) | 34,950 (64.3) | 30,250 (69.1) | 24,700 (72.3) | 19,100 (74.9) | 16,950 (76.8) | 14,500 (78.4) | 11,300 (79.7) | |
| 35 | | 27,400 (29.8) | 29,200 (49.8) | 29,500 (59.3) | 27,950 (65.5) | 22,350 (69.4) | 17,250 (72.4) | 15,450 (74.6) | 13,900 (76.5) | 11,300 (78) | 10,050 (78.8) |
| 40 | | | 23,350 (42.1) | 23,600 (53.9) | 23,800 (61.2) | 20,300 (66.4) | 15,700 (69.8) | 14,150 (72.4) | 12,800 (74.5) | 11,300 (76.2) | 10,050 (77.1) |
| 45 | | | 19,000 (31.5) | 19,300 (48.1) | 19,450 (56.8) | 18,600 (62.8) | 14,350 (67.1) | 12,950 (70.1) | 11,750 (72.5) | 10,700 (74.4) | 10,050 (75.4) |
| 50 | | | 13,100 (15.9) | 16,000 (41.6) | 16,150 (52.1) | 16,250 (59) | 13,200 (64) | 11,900 (67.8) | 10,850 (70.4) | 9,930 (72.6) | 9,470 (73.6) |
| 55 | | | | 13,450 (32.7) | 13,600 (47) | 13,700 (55) | 12,150 (60.7) | 11,000 (65) | 10,000 (68.3) | 9,200 (70.7) | 8,780 (71.8) |
| 60 | | | | 11,400 (21) | 11,550 (41.3) | 11,650 (50.7) | 11,250 (57.2) | 10,150 (62.1) | 9,300 (65.9) | 8,540 (68.8) | 8,160 (70) |
| 65 | | | | | 9,960 (33.6) | 10,050 (46.2) | 10,150 (53.6) | 9,460 (59.1) | 8,640 (63.3) | 7,940 (66.7) | 7,590 (68.1) |
| 70 | | | | | 8,570 (24.1) | 8,680 (41.2) | 8,750 (49.7) | 8,800 (55.9) | 8,030 (60.6) | 7,380 (64.3) | 7,070 (66) |
| 75 | | | | | 5,400 (8.3) | 7,510 (34.3) | 7,570 (45.6) | 7,630 (52.6) | 7,460 (57.7) | 6,840 (61.8) | 6,550 (63.7) |
| 80 | | | | | | 6,510 (26.3) | 6,560 (41.1) | 6,620 (49.1) | 6,660 (54.8) | 6,260 (59.3) | 5,980 (61.3) |
| 85 | | | | | | 5,620 (15.3) | 5,690 (35) | 5,750 (45.3) | 5,790 (51.7) | 5,720 (56.7) | 5,460 (58.8) |
| 90 | | | | | | | 4,930 (27.9) | 4,980 (41.2) | 5,020 (48.5) | 5,040 (53.9) | 4,990 (56.3) |
| 95 | | | | | | | 4,260 (19) | 4,310 (35.6) | 4,350 (45) | 4,360 (51.1) | 4,320 (53.7) |
| 100 | | | | | | | | 3,720 (29.3) | 3,750 (41.2) | 3,760 (48) | 3,720 (50.9) |
| 105 | | | | | | | | 3,190 (21.7) | 3,220 (36.1) | 3,230 (44.8) | 3,190 (48) |
| 110 | | | | | | | | 2,440 (10.7) | 2,740 (30.3) | 2,750 (41.3) | 2,710 (45) |
| 115 | | | | | | | | | 2,310 (23.7) | 2,320 (36.5) | 2,270 (41.6) |
| 120 | | | | | | | | | 1,920 (15.1) | 1,930 (31.3) | 1,880 (37) |
| 125 | | | | | | | | | | 1,570 (25.4) | 1,520 (32.1) |
| 130 | | | | | | | | | | 1,240 (18.1) | 1,200 (26.5) |
| 135 | | | | | | | | | | | 900 (19.9) |
| 140 | | | | | | | | | | | 630 (10.5) |
| Min. boom angle for indicated length (no load) | | | | | | | | 9.5° | 9.5° | 9.5° | 9.5° |
| Max. boom length at 0° boom angle (no load) | | | | | | | | 107.6 ft. | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|------------------|-----------------|-----------------|-----------------|-----------------|---------------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 14,400 (28.3) | 10,000 (39.5) | 6,570 (51.5) | 4,360 (63.5) | 2,820 (75.5) | 1,690 (87.5) | 820 (99.5) | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 2,200 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 2,550 | 2,550 | 2,550 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131221

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 5,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #6040 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 7,720 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 7,720 (75.2) | 6,370 (76.6) | 5,200 (77.8) | 4,420 (78.5) |
| 50 | 7,670 (73.5) | 6,370 (75.1) | 5,200 (76.4) | 4,420 (77.1) |
| 55 | 7,260 (71.8) | 6,370 (73.6) | 5,200 (75) | 4,420 (75.8) |
| 60 | 6,880 (70.1) | 6,370 (72) | 5,200 (73.6) | 4,420 (74.4) |
| 65 | 6,520 (68.4) | 6,260 (70.5) | 5,200 (72.2) | 4,420 (73.1) |
| 70 | 6,180 (66.6) | 5,960 (68.8) | 5,200 (70.7) | 4,420 (71.7) |
| 75 | 5,870 (64.4) | 5,690 (67.2) | 5,200 (69.2) | 4,420 (70.3) |
| 80 | 5,580 (62.1) | 5,400 (65.2) | 4,990 (67.7) | 4,420 (68.8) |
| 85 | 5,310 (59.8) | 5,060 (63.2) | 4,680 (65.9) | 4,420 (67.3) |
| 90 | 5,070 (57.4) | 4,750 (61) | 4,380 (64) | 4,200 (65.5) |
| 95 | 4,830 (54.9) | 4,450 (58.8) | 4,100 (62.1) | 3,930 (63.7) |
| 100 | 4,480 (52.4) | 4,170 (56.6) | 3,840 (60) | 3,670 (61.8) |
| 105 | 3,940 (49.7) | 3,820 (54.3) | 3,600 (58) | 3,430 (59.8) |
| 110 | 3,460 (46.9) | 3,340 (51.9) | 3,220 (55.9) | 3,070 (57.8) |
| 115 | 3,020 (44) | 2,900 (49.4) | 2,790 (53.7) | 2,690 (55.7) |
| 120 | 2,630 (40.8) | 2,510 (46.7) | 2,390 (51.4) | 2,290 (53.6) |
| 125 | 2,270 (36.3) | 2,150 (44) | 2,030 (49.1) | 1,930 (51.4) |
| 130 | 1,950 (31.5) | 1,820 (40.9) | 1,700 (46.6) | 1,600 (49.2) |
| 135 | 1,650 (26.2) | 1,520 (36.8) | 1,400 (44) | 1,300 (46.8) |
| 140 | 1,390 (20) | 1,250 (32.3) | 1,120 (41.2) | 1,020 (44.3) |
| 145 | 1,150 (11.7) | 990 (27.4) | 870 (37.2) | 770 (41.6) |
| 150 | | 770 (21.8) | 630 (33) | 530 (37.8) |
| 155 | | 560 (14.9) | | |
| Min. boom angle for indicated length (no load) | 10.7° | 13.9° | 32° | 36.8° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions. 80131256_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 5,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #6045 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,730 (77.8) | | | |
| 50 | 6,540 (76.2) | 6,400 (77.6) | | |
| 55 | 6,360 (74.5) | 6,150 (76.1) | 5,590 (77.4) | 4,940 (78) |
| 60 | 6,100 (72.8) | 5,880 (74.5) | 5,590 (75.9) | 4,940 (76.7) |
| 65 | 5,810 (71) | 5,620 (72.9) | 5,370 (74.5) | 4,940 (75.3) |
| 70 | 5,550 (69.2) | 5,380 (71.3) | 5,160 (73) | 4,940 (73.9) |
| 75 | 5,300 (67.4) | 5,150 (69.6) | 4,960 (71.6) | 4,840 (72.5) |
| 80 | 5,070 (65.3) | 4,930 (68) | 4,760 (70) | 4,660 (71.1) |
| 85 | 4,860 (63) | 4,730 (66.1) | 4,580 (68.5) | 4,480 (69.6) |
| 90 | 4,660 (60.6) | 4,550 (64) | 4,400 (66.9) | 4,250 (68.1) |
| 95 | 4,480 (58.1) | 4,370 (61.8) | 4,150 (64.9) | 3,980 (66.4) |
| 100 | 4,310 (55.6) | 4,200 (59.5) | 3,890 (62.9) | 3,730 (64.5) |
| 105 | 4,150 (52.9) | 3,950 (57.2) | 3,650 (60.8) | 3,500 (62.5) |
| 110 | 3,760 (50.1) | 3,670 (54.8) | 3,420 (58.7) | 3,270 (60.5) |
| 115 | 3,290 (47.1) | 3,200 (52.3) | 3,120 (56.5) | 2,940 (58.4) |
| 120 | 2,860 (43.9) | 2,780 (49.7) | 2,690 (54.2) | 2,610 (56.3) |
| 125 | 2,470 (40.3) | 2,390 (46.9) | 2,300 (51.8) | 2,220 (54.1) |
| 130 | 2,120 (35.2) | 2,040 (43.9) | 1,950 (49.3) | 1,870 (51.8) |
| 135 | 1,790 (29.6) | 1,710 (40.5) | 1,620 (46.7) | 1,540 (49.4) |
| 140 | 1,490 (23) | 1,410 (35.8) | 1,320 (43.9) | 1,240 (46.9) |
| 145 | | 1,130 (30.6) | 1,050 (40.7) | 970 (44.2) |
| 150 | | 870 (24.7) | 790 (36.3) | 710 (41.1) |
| 155 | | 630 (17.3) | 550 (31.5) | |
| Min. boom angle for indicated length (no load) | 16.3° | 16.3° | 30.5° | 40.1° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131256_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 5,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #6050 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,530 (76.9) | 5,440 (78.2) | | |
| 60 | 5,420 (75.1) | 5,350 (76.6) | 5,190 (78) | |
| 65 | 5,320 (73.3) | 5,190 (75) | 5,000 (76.5) | 4,870 (77.2) |
| 70 | 5,140 (71.5) | 4,990 (73.4) | 4,810 (75) | 4,700 (75.8) |
| 75 | 4,940 (69.6) | 4,800 (71.7) | 4,640 (73.5) | 4,540 (74.3) |
| 80 | 4,760 (67.7) | 4,630 (70) | 4,470 (72) | 4,380 (72.9) |
| 85 | 4,580 (65.5) | 4,460 (68.2) | 4,320 (70.4) | 4,230 (71.4) |
| 90 | 4,420 (63.1) | 4,310 (66.4) | 4,170 (68.8) | 4,090 (69.9) |
| 95 | 4,270 (60.6) | 4,160 (64.1) | 4,030 (67.1) | 3,960 (68.3) |
| 100 | 4,130 (57.9) | 4,020 (61.8) | 3,900 (65) | 3,820 (66.6) |
| 105 | 4,010 (55.2) | 3,900 (59.4) | 3,730 (62.9) | 3,580 (64.6) |
| 110 | 3,890 (52.2) | 3,780 (56.9) | 3,500 (60.7) | 3,360 (62.5) |
| 115 | 3,480 (49.2) | 3,440 (54.3) | 3,280 (58.5) | 3,100 (60.4) |
| 120 | 3,030 (45.8) | 2,980 (51.6) | 2,930 (56.1) | 2,760 (58.2) |
| 125 | 2,610 (42.2) | 2,570 (48.7) | 2,510 (53.7) | 2,450 (56) |
| 130 | 2,220 (37) | 2,180 (45.6) | 2,130 (51.1) | 2,070 (53.6) |
| 135 | | 1,830 (42.3) | 1,780 (48.4) | 1,720 (51.1) |
| 140 | | 1,500 (37.4) | 1,460 (45.5) | 1,400 (48.5) |
| 145 | | | 1,160 (42.4) | 1,100 (45.7) |
| 150 | | | 880 (37.8) | 820 (42.7) |
| 155 | | | | 560 (38.4) |
| Min. boom angle for indicated length (no load) | 36° | 36.4° | 36.8° | 37.4° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131256_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITH 5,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

| Radius in Feet | #6401 or #6403 or #6405 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 120,000 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 107,000 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 95,000 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 83,950 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 58,100 (57.8) | 49,600 (67.8) | 49,600 (73.1) | 46,700 (76.5) | 39,700 (78.9) | | | | | | |
| 20 | 34,150 (46.4) | 33,900 (60.5) | 32,650 (68.3) | 31,400 (72.7) | 30,150 (75.7) | 28,950 (77.8) | 23,550 (79.7) | | | | |
| 25 | 21,650 (30) | 22,650 (52.4) | 22,900 (62.7) | 22,250 (68.7) | 21,550 (72.5) | 20,900 (75.1) | 20,200 (77.3) | 18,600 (79) | | | |
| 30 | | 15,850 (43.1) | 16,350 (56.6) | 16,600 (64.3) | 16,150 (69.1) | 15,750 (72.3) | 15,350 (74.9) | 14,900 (76.8) | 14,500 (78.4) | 11,300 (79.7) | |
| 35 | | 11,350 (29.8) | 12,000 (49.8) | 12,300 (59.3) | 12,450 (65.5) | 12,200 (69.4) | 11,900 (72.4) | 11,600 (74.6) | 11,350 (76.5) | 11,050 (78) | 10,050 (78.8) |
| 40 | | | 9,030 (42.1) | 9,350 (53.9) | 9,540 (61.2) | 9,610 (66.4) | 9,400 (69.8) | 9,200 (72.4) | 8,990 (74.5) | 8,770 (76.2) | 8,580 (77.1) |
| 45 | | | 6,750 (31.5) | 7,140 (48.1) | 7,310 (56.8) | 7,450 (62.8) | 7,460 (67.1) | 7,310 (70.1) | 7,160 (72.5) | 6,990 (74.4) | 6,830 (75.4) |
| 50 | | | 5,020 (15.9) | 5,430 (41.6) | 5,620 (52.1) | 5,750 (59) | 5,830 (64) | 5,810 (67.8) | 5,700 (70.4) | 5,560 (72.6) | 5,420 (73.6) |
| 55 | | | | 4,050 (32.7) | 4,280 (47) | 4,410 (55) | 4,490 (60.7) | 4,560 (65) | 4,500 (68.3) | 4,390 (70.7) | 4,270 (71.8) |
| 60 | | | | 2,940 (21) | 3,180 (41.3) | 3,340 (50.7) | 3,410 (57.2) | 3,480 (62.1) | 3,510 (65.9) | 3,420 (68.8) | 3,310 (70) |
| 65 | | | | | 2,270 (33.6) | 2,450 (46.2) | 2,520 (53.6) | 2,580 (59.1) | 2,630 (63.3) | 2,600 (66.7) | 2,500 (68.1) |
| 70 | | | | | 1,500 (24.1) | 1,680 (41.2) | 1,770 (49.7) | 1,830 (55.9) | 1,880 (60.6) | 1,890 (64.3) | 1,800 (66) |
| 75 | | | | | 860 (8.3) | 1,020 (34.3) | 1,140 (45.6) | 1,200 (52.6) | 1,240 (57.7) | 1,260 (61.8) | 1,200 (63.7) |
| 80 | | | | | | | 570 (41.1) | 650 (49.1) | 690 (54.8) | 710 (59.3) | 670 (61.3) |
| Min. boom angle for indicated length (no load) | | | | | | 33.3° | 40.1° | 48.1° | 53.8° | 58.3° | 60.3° |
| Max. boom length at 0° boom angle (no load) | | | | | | 83.6 ft. | | | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|-----------------|-----------------|-----------------|---------------|------|-------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 14,400 (28.3) | 8,590 (39.5) | 4,580 (51.5) | 2,300 (63.5) | 810 (75.5) | | | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 4,300 | 2,800 | 2,650 | 2,500 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 3,900 | 2,800 | 2,650 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 6,000 | 3,950 | 3,700 | 3,550 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131223

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 5,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #6415 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 7,720 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 7,620 (75.2) | 6,370 (76.6) | 5,200 (77.8) | 4,420 (78.5) |
| 50 | 6,220 (73.5) | 5,930 (75.1) | 5,200 (76.4) | 4,420 (77.1) |
| 55 | 5,070 (71.8) | 4,810 (73.6) | 4,560 (75) | 4,380 (75.8) |
| 60 | 4,110 (70.1) | 3,870 (72) | 3,640 (73.6) | 3,470 (74.4) |
| 65 | 3,300 (68.4) | 3,080 (70.5) | 2,860 (72.2) | 2,710 (73.1) |
| 70 | 2,590 (66.6) | 2,400 (68.8) | 2,190 (70.7) | 2,040 (71.7) |
| 75 | 1,950 (64.4) | 1,800 (67.2) | 1,610 (69.2) | 1,470 (70.3) |
| 80 | 1,390 (62.1) | 1,280 (65.2) | 1,100 (67.7) | 960 (68.8) |
| 85 | 910 (59.8) | 800 (63.2) | 650 (65.9) | 510 (67.3) |
| Min. boom angle for indicated length (no load) | 58.8° | 62.2° | 64.9° | 66.3° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131258_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
2. For boom angles not shown, use the rating of the next lower boom angle.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
4. Capacities listed are with outriggers properly extended and vertical jacks set only.

WARNING: Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 5,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #6420 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,730 (77.8) | | | |
| 50 | 6,540 (76.2) | 6,400 (77.6) | | |
| 55 | 5,980 (74.5) | 5,730 (76.1) | 5,490 (77.4) | 4,940 (78) |
| 60 | 4,930 (72.8) | 4,710 (74.5) | 4,490 (75.9) | 4,330 (76.7) |
| 65 | 4,040 (71) | 3,830 (72.9) | 3,630 (74.5) | 3,490 (75.3) |
| 70 | 3,260 (69.2) | 3,080 (71.3) | 2,900 (73) | 2,760 (73.9) |
| 75 | 2,550 (67.4) | 2,430 (69.6) | 2,260 (71.6) | 2,130 (72.5) |
| 80 | 1,940 (65.3) | 1,850 (68) | 1,690 (70) | 1,570 (71.1) |
| 85 | 1,410 (63) | 1,320 (66.1) | 1,200 (68.5) | 1,070 (69.6) |
| 90 | 940 (60.6) | 850 (64) | 750 (66.9) | 630 (68.1) |
| 95 | 530 (58.1) | | | |
| Min. boom angle for indicated length (no load) | 57.1° | 63° | 65.9° | 67.1° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131258_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 5,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #6425 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,530 (76.9) | 5,440 (78.2) | | |
| 60 | 5,420 (75.1) | 5,350 (76.6) | 5,190 (78) | |
| 65 | 4,700 (73.3) | 4,520 (75) | 4,330 (76.5) | 4,200 (77.2) |
| 70 | 3,840 (71.5) | 3,700 (73.4) | 3,530 (75) | 3,400 (75.8) |
| 75 | 3,070 (69.6) | 2,990 (71.7) | 2,830 (73.5) | 2,710 (74.3) |
| 80 | 2,410 (67.7) | 2,350 (70) | 2,220 (72) | 2,100 (72.9) |
| 85 | 1,830 (65.5) | 1,770 (68.2) | 1,670 (70.4) | 1,560 (71.4) |
| 90 | 1,320 (63.1) | 1,260 (66.4) | 1,180 (68.8) | 1,080 (69.9) |
| 95 | 870 (60.6) | 810 (64.1) | 740 (67.1) | 640 (68.3) |
| Min. boom angle for indicated length (no load) | 59.6° | 63.1° | 66.1° | 67.3° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131258_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITH 5,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 0° EXTENDED - 360°

| Radius in Feet | #6801 or #6803 or #6805 | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Main Boom Length in Feet | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F |
| 6 | 75,100 (74.1) | 49,600 (78.5) | | | | | |
| 8 | 49,450 (70.9) | 45,600 (76.2) | 41,900 (79.5) | | | | |
| 10 | 35,800 (67.6) | 33,800 (73.9) | 31,700 (77.7) | | | | |
| 12 | 27,350 (63.8) | 26,250 (71.5) | 24,950 (75.9) | 23,650 (78.7) | | | |
| 15 | 19,200 (57.8) | 18,900 (67.8) | 18,250 (73.1) | 17,550 (76.5) | 16,750 (78.9) | | |
| 20 | 11,350 (46.4) | 11,750 (60.5) | 11,600 (68.3) | 11,300 (72.7) | 10,950 (75.7) | 10,550 (77.8) | 10,150 (79.7) |
| 25 | 6,530 (30) | 7,430 (52.4) | 7,640 (62.7) | 7,560 (68.7) | 7,370 (72.5) | 7,170 (75.1) | 6,920 (77.3) |
| 30 | | 4,550 (43.1) | 4,940 (56.6) | 5,020 (64.3) | 4,940 (69.1) | 4,840 (72.3) | 4,680 (74.9) |
| 35 | | 2,460 (29.8) | 2,980 (49.8) | 3,180 (59.3) | 3,180 (65.5) | 3,140 (69.4) | 3,050 (72.4) |
| 40 | | | 1,530 (42.1) | 1,760 (53.9) | 1,860 (61.2) | 1,850 (66.4) | 1,800 (69.8) |
| 45 | | | | 650 (48.1) | 770 (56.8) | 840 (62.8) | 810 (67.1) |
| Min. boom angle for indicated length (no load) | | | 41.1° | 47.1° | 55.8° | 61.8° | 66.1° |
| Max. boom length at 0° boom angle (no load) | | | 47.6 ft. | | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | |
|---------------|--------------------------|-----------------|------|------|------|------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F |
| 0° | 4,390 (28.3) | 1,080 (39.5) | | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 6,400 | 3,650 | 3,450 | 2,300 | 2,300 | 2,300 | 2,300 |
| 26' tele. | 5,000 | 3,200 | 3,000 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 8,600 | 5,000 | 4,650 | 3,300 | 3,300 | 3,300 | 3,300 |

80131224

RATED LIFTING CAPACITIES IN POUNDS

37 FT. - 151 FT. BOOM

WITH 3,000 LB. COUNTERWEIGHT

ON OUTRIGGERS FULLY EXTENDED - 360°

| Radius in Feet | #7001 or #7003 or #7005 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 115,500 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 99,700 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 87,100 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 77,100 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 65,450 (57.8) | 49,600 (67.8) | 49,600 (73.1) | 46,700 (76.5) | 39,700 (78.9) | | | | | | |
| 20 | 51,650 (46.4) | 49,600 (60.5) | 49,600 (68.3) | 42,050 (72.7) | 36,100 (75.7) | 30,250 (77.8) | 23,550 (79.7) | | | | |
| 25 | 37,450 (30) | 40,000 (52.4) | 40,750 (62.7) | 38,150 (68.7) | 32,950 (72.5) | 27,400 (75.1) | 21,150 (77.3) | 18,600 (79) | | | |
| 30 | | 31,050 (43.1) | 31,850 (56.6) | 32,250 (64.3) | 30,250 (69.1) | 24,700 (72.3) | 19,100 (74.9) | 16,950 (76.8) | 14,500 (78.4) | 11,300 (79.7) | |
| 35 | | 24,400 (29.8) | 25,200 (49.8) | 25,550 (59.3) | 25,800 (65.5) | 22,350 (69.4) | 17,250 (72.4) | 15,450 (74.6) | 13,900 (76.5) | 11,300 (78) | 10,050 (78.8) |
| 40 | | | 19,450 (42.1) | 19,800 (53.9) | 20,050 (61.2) | 20,200 (66.4) | 15,700 (69.8) | 14,150 (72.4) | 12,800 (74.5) | 11,300 (76.2) | 10,050 (77.1) |
| 45 | | | 15,450 (31.5) | 15,800 (48.1) | 16,000 (56.8) | 16,150 (62.8) | 14,350 (67.1) | 12,950 (70.1) | 11,750 (72.5) | 10,700 (74.4) | 10,050 (75.4) |
| 50 | | | 12,550 (15.9) | 12,800 (41.6) | 13,000 (52.1) | 13,150 (59) | 13,200 (64) | 11,900 (67.8) | 10,850 (70.4) | 9,930 (72.6) | 9,470 (73.6) |
| 55 | | | | 10,550 (32.7) | 10,750 (47) | 10,900 (55) | 11,000 (60.7) | 11,000 (65) | 10,000 (68.3) | 9,200 (70.7) | 8,780 (71.8) |
| 60 | | | | 8,790 (21) | 8,960 (41.3) | 9,100 (50.7) | 9,190 (57.2) | 9,280 (62.1) | 9,300 (65.9) | 8,540 (68.8) | 8,160 (70) |
| 65 | | | | | 7,490 (33.6) | 7,630 (46.2) | 7,710 (53.6) | 7,790 (59.1) | 7,850 (63.3) | 7,880 (66.7) | 7,590 (68.1) |
| 70 | | | | | 6,280 (24.1) | 6,410 (41.2) | 6,490 (49.7) | 6,570 (55.9) | 6,620 (60.6) | 6,650 (64.3) | 6,610 (66) |
| 75 | | | | | 5,270 (8.3) | 5,380 (34.3) | 5,460 (45.6) | 5,530 (52.6) | 5,590 (57.7) | 5,620 (61.8) | 5,580 (63.7) |
| 80 | | | | | | 4,510 (26.3) | 4,590 (41.1) | 4,650 (49.1) | 4,710 (54.8) | 4,740 (59.3) | 4,700 (61.3) |
| 85 | | | | | | 3,770 (15.3) | 3,830 (35) | 3,900 (45.3) | 3,950 (51.7) | 3,970 (56.7) | 3,940 (58.8) |
| 90 | | | | | | | 3,070 (27.9) | 3,240 (41.2) | 3,290 (48.5) | 3,310 (53.9) | 3,270 (56.3) |
| 95 | | | | | | | 2,380 (19) | 2,660 (35.6) | 2,710 (45) | 2,730 (51.1) | 2,690 (53.7) |
| 100 | | | | | | | | 2,060 (29.3) | 2,190 (41.2) | 2,220 (48) | 2,180 (50.9) |
| 105 | | | | | | | | 1,520 (21.7) | 1,720 (36.1) | 1,760 (44.8) | 1,720 (48) |
| 110 | | | | | | | | 1,040 (10.7) | 1,300 (30.3) | 1,350 (41.3) | 1,310 (45) |
| 115 | | | | | | | | | 930 (23.7) | 980 (36.5) | 940 (41.6) |
| 120 | | | | | | | | | 600 (15.1) | 640 (31.3) | 600 (37) |
| Min. boom angle for indicated length (no load) | | | | | | | | 9.7° | 14.1° | 30.3° | 36° |
| Max. boom length at 0° boom angle (no load) | | | | | | | | 107.6 ft. | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|------------------|-----------------|-----------------|-----------------|-----------------|---------------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 14,400 (28.3) | 10,000 (39.5) | 6,570 (51.5) | 4,360 (63.5) | 2,820 (75.5) | 1,690 (87.5) | 820 (99.5) | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 2,650 | 2,550 | 2,550 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 3,400 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131225

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 3,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #7015 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 7,720 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 7,720 (75.2) | 6,370 (76.6) | 5,200 (77.8) | 4,420 (78.5) |
| 50 | 7,670 (73.5) | 6,370 (75.1) | 5,200 (76.4) | 4,420 (77.1) |
| 55 | 7,260 (71.8) | 6,370 (73.6) | 5,200 (75) | 4,420 (75.8) |
| 60 | 6,880 (70.1) | 6,370 (72) | 5,200 (73.6) | 4,420 (74.4) |
| 65 | 6,520 (68.4) | 6,260 (70.5) | 5,200 (72.2) | 4,420 (73.1) |
| 70 | 6,180 (66.6) | 5,960 (68.8) | 5,200 (70.7) | 4,420 (71.7) |
| 75 | 5,870 (64.4) | 5,690 (67.2) | 5,200 (69.2) | 4,420 (70.3) |
| 80 | 5,580 (62.1) | 5,400 (65.2) | 4,990 (67.7) | 4,420 (68.8) |
| 85 | 5,310 (59.8) | 5,060 (63.2) | 4,680 (65.9) | 4,420 (67.3) |
| 90 | 4,680 (57.4) | 4,560 (61) | 4,380 (64) | 4,200 (65.5) |
| 95 | 4,050 (54.9) | 3,930 (58.8) | 3,810 (62.1) | 3,720 (63.7) |
| 100 | 3,500 (52.4) | 3,380 (56.6) | 3,260 (60) | 3,160 (61.8) |
| 105 | 3,000 (49.7) | 2,880 (54.3) | 2,760 (58) | 2,670 (59.8) |
| 110 | 2,560 (46.9) | 2,440 (51.9) | 2,320 (55.9) | 2,220 (57.8) |
| 115 | 2,160 (44) | 2,040 (49.4) | 1,920 (53.7) | 1,820 (55.7) |
| 120 | 1,800 (40.8) | 1,680 (46.7) | 1,560 (51.4) | 1,460 (53.6) |
| 125 | 1,480 (36.3) | 1,350 (44) | 1,230 (49.1) | 1,130 (51.4) |
| 130 | 1,180 (31.5) | 1,050 (40.9) | 930 (46.6) | 830 (49.2) |
| 135 | 910 (26.2) | 770 (36.8) | 650 (44) | 550 (46.8) |
| 140 | 660 (20) | 520 (32.3) | | |
| Min. boom angle for indicated length (no load) | 19° | 31.3° | 43° | 45.8° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131259_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
2. For boom angles not shown, use the rating of the next lower boom angle.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
4. Capacities listed are with outriggers properly extended and vertical jacks set only.

WARNING: Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 3,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #7020 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,730 (77.8) | | | |
| 50 | 6,540 (76.2) | 6,400 (77.6) | | |
| 55 | 6,360 (74.5) | 6,150 (76.1) | 5,590 (77.4) | 4,940 (78) |
| 60 | 6,100 (72.8) | 5,880 (74.5) | 5,590 (75.9) | 4,940 (76.7) |
| 65 | 5,810 (71) | 5,620 (72.9) | 5,370 (74.5) | 4,940 (75.3) |
| 70 | 5,550 (69.2) | 5,380 (71.3) | 5,160 (73) | 4,940 (73.9) |
| 75 | 5,300 (67.4) | 5,150 (69.6) | 4,960 (71.6) | 4,840 (72.5) |
| 80 | 5,070 (65.3) | 4,930 (68) | 4,760 (70) | 4,660 (71.1) |
| 85 | 4,860 (63) | 4,730 (66.1) | 4,580 (68.5) | 4,480 (69.6) |
| 90 | 4,660 (60.6) | 4,550 (64) | 4,400 (66.9) | 4,250 (68.1) |
| 95 | 4,470 (58.1) | 4,370 (61.8) | 4,150 (64.9) | 3,980 (66.4) |
| 100 | 3,870 (55.6) | 3,780 (59.5) | 3,690 (62.9) | 3,610 (64.5) |
| 105 | 3,340 (52.9) | 3,250 (57.2) | 3,160 (60.8) | 3,080 (62.5) |
| 110 | 2,860 (50.1) | 2,770 (54.8) | 2,690 (58.7) | 2,600 (60.5) |
| 115 | 2,430 (47.1) | 2,340 (52.3) | 2,250 (56.5) | 2,170 (58.4) |
| 120 | 2,040 (43.9) | 1,950 (49.7) | 1,860 (54.2) | 1,780 (56.3) |
| 125 | 1,680 (40.3) | 1,600 (46.9) | 1,510 (51.8) | 1,430 (54.1) |
| 130 | 1,350 (35.2) | 1,270 (43.9) | 1,180 (49.3) | 1,100 (51.8) |
| 135 | 1,050 (29.6) | 970 (40.5) | 880 (46.7) | 800 (49.4) |
| 140 | 770 (23) | 690 (35.8) | 600 (43.9) | 520 (46.9) |
| Min. boom angle for indicated length (no load) | 22° | 34.8° | 42.9° | 45.9° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131259_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 3,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #7025 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,530 (76.9) | 5,440 (78.2) | | |
| 60 | 5,420 (75.1) | 5,350 (76.6) | 5,190 (78) | |
| 65 | 5,320 (73.3) | 5,190 (75) | 5,000 (76.5) | 4,870 (77.2) |
| 70 | 5,140 (71.5) | 4,990 (73.4) | 4,810 (75) | 4,700 (75.8) |
| 75 | 4,940 (69.6) | 4,800 (71.7) | 4,640 (73.5) | 4,540 (74.3) |
| 80 | 4,760 (67.7) | 4,630 (70) | 4,470 (72) | 4,380 (72.9) |
| 85 | 4,580 (65.5) | 4,460 (68.2) | 4,320 (70.4) | 4,230 (71.4) |
| 90 | 4,420 (63.1) | 4,310 (66.4) | 4,170 (68.8) | 4,090 (69.9) |
| 95 | 4,270 (60.6) | 4,160 (64.1) | 4,030 (67.1) | 3,960 (68.3) |
| 100 | 4,130 (57.9) | 4,020 (61.8) | 3,900 (65) | 3,820 (66.6) |
| 105 | 3,610 (55.2) | 3,550 (59.4) | 3,490 (62.9) | 3,420 (64.6) |
| 110 | 3,100 (52.2) | 3,040 (56.9) | 2,980 (60.7) | 2,910 (62.5) |
| 115 | 2,630 (49.2) | 2,580 (54.3) | 2,520 (58.5) | 2,450 (60.4) |
| 120 | 2,200 (45.8) | 2,160 (51.6) | 2,100 (56.1) | 2,040 (58.2) |
| 125 | 1,810 (42.2) | 1,770 (48.7) | 1,720 (53.7) | 1,660 (56) |
| 130 | 1,450 (37) | 1,420 (45.6) | 1,370 (51.1) | 1,310 (53.6) |
| 135 | | 1,090 (42.3) | 1,050 (48.4) | 980 (51.1) |
| 140 | | 780 (37.4) | 740 (45.5) | 680 (48.5) |
| Min. boom angle for indicated length (no load) | 36° | 36.4° | 44.5° | 47.5° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131259_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITH 3,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR

| Radius in Feet | #7026 or #7028 or #7030 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 120,000 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 107,000 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 95,650 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 85,850 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 74,100 (57.8) | 49,600 (67.8) | 49,600 (73.1) | 46,700 (76.5) | 39,700 (78.9) | | | | | | |
| 20 | 56,300 (46.4) | 49,600 (60.5) | 49,600 (68.3) | 42,050 (72.7) | 36,100 (75.7) | 30,250 (77.8) | 23,550 (79.7) | | | | |
| 25 | 37,450 (30) | 43,450 (52.4) | 44,000 (62.7) | 38,150 (68.7) | 32,950 (72.5) | 27,400 (75.1) | 21,150 (77.3) | 18,600 (79) | | | |
| 30 | | 34,450 (43.1) | 35,000 (56.6) | 34,950 (64.3) | 30,250 (69.1) | 24,700 (72.3) | 19,100 (74.9) | 16,950 (76.8) | 14,500 (78.4) | 11,300 (79.7) | |
| 35 | | 27,400 (29.8) | 28,350 (49.8) | 28,650 (59.3) | 27,950 (65.5) | 22,350 (69.4) | 17,250 (72.4) | 15,450 (74.6) | 13,900 (76.5) | 11,300 (78) | 10,050 (78.8) |
| 40 | | | 22,400 (42.1) | 22,650 (53.9) | 22,800 (61.2) | 20,300 (66.4) | 15,700 (69.8) | 14,150 (72.4) | 12,800 (74.5) | 11,300 (76.2) | 10,050 (77.1) |
| 45 | | | 18,200 (31.5) | 18,450 (48.1) | 18,600 (56.8) | 18,600 (62.8) | 14,350 (67.1) | 12,950 (70.1) | 11,750 (72.5) | 10,700 (74.4) | 10,050 (75.4) |
| 50 | | | 13,100 (15.9) | 15,250 (41.6) | 15,400 (52.1) | 15,550 (59) | 13,200 (64) | 11,900 (67.8) | 10,850 (70.4) | 9,930 (72.6) | 9,470 (73.6) |
| 55 | | | | 12,800 (32.7) | 12,950 (47) | 13,050 (55) | 12,150 (60.7) | 11,000 (65) | 10,000 (68.3) | 9,200 (70.7) | 8,780 (71.8) |
| 60 | | | | 10,850 (21) | 11,050 (41.3) | 11,150 (50.7) | 11,250 (57.2) | 10,150 (62.1) | 9,300 (65.9) | 8,540 (68.8) | 8,160 (70) |
| 65 | | | | | 9,430 (33.6) | 9,550 (46.2) | 9,630 (53.6) | 9,460 (59.1) | 8,640 (63.3) | 7,940 (66.7) | 7,590 (68.1) |
| 70 | | | | | 8,090 (24.1) | 8,200 (41.2) | 8,270 (49.7) | 8,330 (55.9) | 8,030 (60.6) | 7,380 (64.3) | 7,070 (66) |
| 75 | | | | | 5,400 (8.3) | 7,060 (34.3) | 7,130 (45.6) | 7,190 (52.6) | 7,230 (57.7) | 6,840 (61.8) | 6,550 (63.7) |
| 80 | | | | | | 6,090 (26.3) | 6,150 (41.1) | 6,210 (49.1) | 6,250 (54.8) | 6,260 (59.3) | 5,980 (61.3) |
| 85 | | | | | | 5,240 (15.3) | 5,310 (35) | 5,360 (45.3) | 5,400 (51.7) | 5,420 (56.7) | 5,380 (58.8) |
| 90 | | | | | | | 4,570 (27.9) | 4,620 (41.2) | 4,660 (48.5) | 4,680 (53.9) | 4,630 (56.3) |
| 95 | | | | | | | 3,920 (19) | 3,970 (35.6) | 4,010 (45) | 4,020 (51.1) | 3,980 (53.7) |
| 100 | | | | | | | | 3,400 (29.3) | 3,430 (41.2) | 3,440 (48) | 3,400 (50.9) |
| 105 | | | | | | | | 2,880 (21.7) | 2,920 (36.1) | 2,930 (44.8) | 2,880 (48) |
| 110 | | | | | | | | 2,420 (10.7) | 2,450 (30.3) | 2,460 (41.3) | 2,420 (45) |
| 115 | | | | | | | | | 2,040 (23.7) | 2,040 (36.5) | 2,000 (41.6) |
| 120 | | | | | | | | | 1,650 (15.1) | 1,670 (31.3) | 1,620 (37) |
| 125 | | | | | | | | | | 1,320 (25.4) | 1,270 (32.1) |
| 130 | | | | | | | | | | 1,000 (18.1) | 960 (26.5) |
| 135 | | | | | | | | | | | 670 (19.9) |
| Min. boom angle for indicated length (no load) | | | | | | | | 9.7° | 14.1° | 17.1° | 18.9° |
| Max. boom length at 0° boom angle (no load) | | | | | | | | 107.6 ft. | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|------------------|-----------------|-----------------|-----------------|-----------------|---------------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 14,400 (28.3) | 10,000 (39.5) | 6,570 (51.5) | 4,360 (63.5) | 2,820 (75.5) | 1,690 (87.5) | 820 (99.5) | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36° lattice | 2,200 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26° tele. | 2,550 | 2,550 | 2,550 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45° tele. | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 |

80131226

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 3,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #7040 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 7,720 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 7,720 (75.2) | 6,370 (76.6) | 5,200 (77.8) | 4,420 (78.5) |
| 50 | 7,670 (73.5) | 6,370 (75.1) | 5,200 (76.4) | 4,420 (77.1) |
| 55 | 7,260 (71.8) | 6,370 (73.6) | 5,200 (75) | 4,420 (75.8) |
| 60 | 6,880 (70.1) | 6,370 (72) | 5,200 (73.6) | 4,420 (74.4) |
| 65 | 6,520 (68.4) | 6,260 (70.5) | 5,200 (72.2) | 4,420 (73.1) |
| 70 | 6,180 (66.6) | 5,960 (68.8) | 5,200 (70.7) | 4,420 (71.7) |
| 75 | 5,870 (64.4) | 5,690 (67.2) | 5,200 (69.2) | 4,420 (70.3) |
| 80 | 5,580 (62.1) | 5,400 (65.2) | 4,990 (67.7) | 4,420 (68.8) |
| 85 | 5,310 (59.8) | 5,060 (63.2) | 4,680 (65.9) | 4,420 (67.3) |
| 90 | 5,070 (57.4) | 4,750 (61) | 4,380 (64) | 4,200 (65.5) |
| 95 | 4,740 (54.9) | 4,450 (58.8) | 4,100 (62.1) | 3,930 (63.7) |
| 100 | 4,160 (52.4) | 4,040 (56.6) | 3,840 (60) | 3,670 (61.8) |
| 105 | 3,640 (49.7) | 3,520 (54.3) | 3,400 (58) | 3,310 (59.8) |
| 110 | 3,170 (46.9) | 3,050 (51.9) | 2,930 (55.9) | 2,840 (57.8) |
| 115 | 2,750 (44) | 2,630 (49.4) | 2,510 (53.7) | 2,420 (55.7) |
| 120 | 2,370 (40.8) | 2,240 (46.7) | 2,130 (51.4) | 2,030 (53.6) |
| 125 | 2,020 (36.3) | 1,900 (44) | 1,780 (49.1) | 1,680 (51.4) |
| 130 | 1,710 (31.5) | 1,580 (40.9) | 1,460 (46.6) | 1,360 (49.2) |
| 135 | 1,420 (26.2) | 1,290 (36.8) | 1,170 (44) | 1,070 (46.8) |
| 140 | 1,160 (20) | 1,020 (32.3) | 900 (41.2) | 800 (44.3) |
| 145 | 940 (11.7) | 780 (27.4) | 650 (37.2) | 560 (41.6) |
| 150 | | 560 (21.8) | | |
| Min. boom angle for indicated length (no load) | 10.7° | 20.8° | 36.2° | 40.6° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131260_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 3,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #7045 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,730 (77.8) | | | |
| 50 | 6,540 (76.2) | 6,400 (77.6) | | |
| 55 | 6,360 (74.5) | 6,150 (76.1) | 5,590 (77.4) | 4,940 (78) |
| 60 | 6,100 (72.8) | 5,880 (74.5) | 5,590 (75.9) | 4,940 (76.7) |
| 65 | 5,810 (71) | 5,620 (72.9) | 5,370 (74.5) | 4,940 (75.3) |
| 70 | 5,550 (69.2) | 5,380 (71.3) | 5,160 (73) | 4,940 (73.9) |
| 75 | 5,300 (67.4) | 5,150 (69.6) | 4,960 (71.6) | 4,840 (72.5) |
| 80 | 5,070 (65.3) | 4,930 (68) | 4,760 (70) | 4,660 (71.1) |
| 85 | 4,860 (63) | 4,730 (66.1) | 4,580 (68.5) | 4,480 (69.6) |
| 90 | 4,660 (60.6) | 4,550 (64) | 4,400 (66.9) | 4,250 (68.1) |
| 95 | 4,480 (58.1) | 4,370 (61.8) | 4,150 (64.9) | 3,980 (66.4) |
| 100 | 4,310 (55.6) | 4,200 (59.5) | 3,890 (62.9) | 3,730 (64.5) |
| 105 | 3,970 (52.9) | 3,880 (57.2) | 3,650 (60.8) | 3,500 (62.5) |
| 110 | 3,470 (50.1) | 3,380 (54.8) | 3,290 (58.7) | 3,210 (60.5) |
| 115 | 3,010 (47.1) | 2,930 (52.3) | 2,840 (56.5) | 2,760 (58.4) |
| 120 | 2,600 (43.9) | 2,520 (49.7) | 2,430 (54.2) | 2,350 (56.3) |
| 125 | 2,220 (40.3) | 2,140 (46.9) | 2,050 (51.8) | 1,970 (54.1) |
| 130 | 1,880 (35.2) | 1,790 (43.9) | 1,710 (49.3) | 1,630 (51.8) |
| 135 | 1,560 (29.6) | 1,480 (40.5) | 1,390 (46.7) | 1,310 (49.4) |
| 140 | 1,260 (23) | 1,190 (35.8) | 1,100 (43.9) | 1,020 (46.9) |
| 145 | | 910 (30.6) | 830 (40.7) | 750 (44.2) |
| 150 | | 660 (24.7) | 580 (36.3) | 500 (41.1) |
| Min. boom angle for indicated length (no load) | 22° | 23.7° | 35.3° | 40.1° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131260_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 3,000 LB. COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #7050 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,530 (76.9) | 5,440 (78.2) | | |
| 60 | 5,420 (75.1) | 5,350 (76.6) | 5,190 (78) | |
| 65 | 5,320 (73.3) | 5,190 (75) | 5,000 (76.5) | 4,870 (77.2) |
| 70 | 5,140 (71.5) | 4,990 (73.4) | 4,810 (75) | 4,700 (75.8) |
| 75 | 4,940 (69.6) | 4,800 (71.7) | 4,640 (73.5) | 4,540 (74.3) |
| 80 | 4,760 (67.7) | 4,630 (70) | 4,470 (72) | 4,380 (72.9) |
| 85 | 4,580 (65.5) | 4,460 (68.2) | 4,320 (70.4) | 4,230 (71.4) |
| 90 | 4,420 (63.1) | 4,310 (66.4) | 4,170 (68.8) | 4,090 (69.9) |
| 95 | 4,270 (60.6) | 4,160 (64.1) | 4,030 (67.1) | 3,960 (68.3) |
| 100 | 4,130 (57.9) | 4,020 (61.8) | 3,900 (65) | 3,820 (66.6) |
| 105 | 4,010 (55.2) | 3,900 (59.4) | 3,730 (62.9) | 3,580 (64.6) |
| 110 | 3,700 (52.2) | 3,650 (56.9) | 3,500 (60.7) | 3,360 (62.5) |
| 115 | 3,210 (49.2) | 3,160 (54.3) | 3,100 (58.5) | 3,040 (60.4) |
| 120 | 2,760 (45.8) | 2,720 (51.6) | 2,660 (56.1) | 2,600 (58.2) |
| 125 | 2,360 (42.2) | 2,320 (48.7) | 2,260 (53.7) | 2,200 (56) |
| 130 | 1,980 (37) | 1,940 (45.6) | 1,890 (51.1) | 1,830 (53.6) |
| 135 | | 1,600 (42.3) | 1,550 (48.4) | 1,490 (51.1) |
| 140 | | 1,280 (37.4) | 1,240 (45.5) | 1,180 (48.5) |
| 145 | | | 940 (42.4) | 890 (45.7) |
| 150 | | | 670 (37.8) | 610 (42.7) |
| Min. boom angle for indicated length (no load) | 36° | 36.4° | 36.8° | 41.7° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131260_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITH 3,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

| Radius in Feet | #7401 or #7403 or #7405 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 120,000 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 107,000 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 94,650 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 83,600 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 54,950 (57.8) | 49,600 (67.8) | 48,750 (73.1) | 45,950 (76.5) | 39,700 (78.9) | | | | | | |
| 20 | 32,250 (46.4) | 31,950 (60.5) | 30,800 (68.3) | 29,600 (72.7) | 28,400 (75.7) | 27,300 (77.8) | 23,550 (79.7) | | | | |
| 25 | 20,250 (30) | 21,350 (52.4) | 21,450 (62.7) | 20,900 (68.7) | 20,250 (72.5) | 19,600 (75.1) | 18,950 (77.3) | 18,350 (79) | | | |
| 30 | | 14,750 (43.1) | 15,300 (56.6) | 15,450 (64.3) | 15,100 (69.1) | 14,700 (72.3) | 14,300 (74.9) | 13,900 (76.8) | 13,500 (78.4) | 11,300 (79.7) | |
| 35 | | 10,500 (29.8) | 11,150 (49.8) | 11,400 (59.3) | 11,550 (65.5) | 11,300 (69.4) | 11,000 (72.4) | 10,750 (74.6) | 10,500 (76.5) | 10,200 (78) | 9,990 (78.8) |
| 40 | | | 8,280 (42.1) | 8,610 (53.9) | 8,790 (61.2) | 8,820 (66.4) | 8,630 (69.8) | 8,440 (72.4) | 8,250 (74.5) | 8,030 (76.2) | 7,850 (77.1) |
| 45 | | | 6,100 (31.5) | 6,490 (48.1) | 6,670 (56.8) | 6,810 (62.8) | 6,770 (67.1) | 6,640 (70.1) | 6,500 (72.5) | 6,330 (74.4) | 6,180 (75.4) |
| 50 | | | 4,450 (15.9) | 4,860 (41.6) | 5,050 (52.1) | 5,180 (59) | 5,260 (64) | 5,210 (67.8) | 5,100 (70.4) | 4,970 (72.6) | 4,840 (73.6) |
| 55 | | | | 3,540 (32.7) | 3,780 (47) | 3,910 (55) | 3,980 (60.7) | 4,040 (65) | 3,960 (68.3) | 3,860 (70.7) | 3,740 (71.8) |
| 60 | | | | 2,480 (21) | 2,720 (41.3) | 2,880 (50.7) | 2,950 (57.2) | 3,020 (62.1) | 3,010 (65.9) | 2,930 (68.8) | 2,820 (70) |
| 65 | | | | | 1,850 (33.6) | 2,030 (46.2) | 2,100 (53.6) | 2,160 (59.1) | 2,210 (63.3) | 2,140 (66.7) | 2,050 (68.1) |
| 70 | | | | | 1,110 (24.1) | 1,290 (41.2) | 1,390 (49.7) | 1,450 (55.9) | 1,490 (60.6) | 1,470 (64.3) | 1,380 (66) |
| 75 | | | | | 500 (8.3) | 660 (34.3) | 780 (45.6) | 840 (52.6) | 880 (57.7) | 890 (61.8) | 800 (63.7) |
| Min. boom angle for indicated length (no load) | | | | | 7.3° | 33.3° | 44.6° | 51.6° | 56.7° | 60.8° | 62.7° |
| Max. boom length at 0° boom angle (no load) | | | | | 71.6 ft. | | | | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|-----------------|-----------------|-----------------|------|------|-------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 14,400 (28.3) | 7,830 (39.5) | 4,040 (51.5) | 1,870 (63.5) | | | | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 4,300 | 2,800 | 2,650 | 2,500 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 3,900 | 2,800 | 2,650 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 6,000 | 3,950 | 3,700 | 3,550 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131228

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 3,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #7415 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 7,720 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 6,980 (75.2) | 6,370 (76.6) | 5,200 (77.8) | 4,420 (78.5) |
| 50 | 5,640 (73.5) | 5,360 (75.1) | 5,080 (76.4) | 4,420 (77.1) |
| 55 | 4,540 (71.8) | 4,290 (73.6) | 4,040 (75) | 3,860 (75.8) |
| 60 | 3,630 (70.1) | 3,390 (72) | 3,170 (73.6) | 3,000 (74.4) |
| 65 | 2,850 (68.4) | 2,630 (70.5) | 2,420 (72.2) | 2,270 (73.1) |
| 70 | 2,190 (66.6) | 1,980 (68.8) | 1,780 (70.7) | 1,640 (71.7) |
| 75 | 1,590 (64.4) | 1,420 (67.2) | 1,230 (69.2) | 1,090 (70.3) |
| 80 | 1,060 (62.1) | 920 (65.2) | 740 (67.7) | 600 (68.8) |
| 85 | 600 (59.8) | | | |
| Min. boom angle for indicated length (no load) | 58.8° | 64.2° | 66.7° | 67.8° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131262_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 3,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #7420 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,730 (77.8) | | | |
| 50 | 6,540 (76.2) | 6,380 (77.6) | | |
| 55 | 5,450 (74.5) | 5,210 (76.1) | 4,970 (77.4) | 4,810 (78) |
| 60 | 4,440 (72.8) | 4,230 (74.5) | 4,010 (75.9) | 3,860 (76.7) |
| 65 | 3,590 (71) | 3,390 (72.9) | 3,190 (74.5) | 3,050 (75.3) |
| 70 | 2,850 (69.2) | 2,670 (71.3) | 2,490 (73) | 2,350 (73.9) |
| 75 | 2,190 (67.4) | 2,040 (69.6) | 1,870 (71.6) | 1,740 (72.5) |
| 80 | 1,610 (65.3) | 1,490 (68) | 1,330 (70) | 1,210 (71.1) |
| 85 | 1,100 (63) | 1,010 (66.1) | 850 (68.5) | 730 (69.6) |
| 90 | 650 (60.6) | 560 (64) | | |
| Min. boom angle for indicated length (no load) | 59.6° | 63° | 67.5° | 68.6° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131262_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITH 3,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #7425 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,530 (76.9) | 5,440 (78.2) | | |
| 60 | 5,180 (75.1) | 4,980 (76.6) | 4,790 (78) | |
| 65 | 4,250 (73.3) | 4,070 (75) | 3,890 (76.5) | 3,760 (77.2) |
| 70 | 3,450 (71.5) | 3,280 (73.4) | 3,120 (75) | 2,990 (75.8) |
| 75 | 2,720 (69.6) | 2,600 (71.7) | 2,450 (73.5) | 2,330 (74.3) |
| 80 | 2,080 (67.7) | 2,000 (70) | 1,850 (72) | 1,740 (72.9) |
| 85 | 1,520 (65.5) | 1,460 (68.2) | 1,330 (70.4) | 1,220 (71.4) |
| 90 | 1,030 (63.1) | 970 (66.4) | 860 (68.8) | 760 (69.9) |
| 95 | 590 (60.6) | 530 (64.1) | | |
| Min. boom angle for indicated length (no load) | 59.6° | 63.1° | 67.8° | 68.9° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131262_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITH 3,000 LB. COUNTERWEIGHT
ON OUTRIGGERS 0° EXTENDED - 360°

| Radius in Feet | #7801 or #7803 or #7805 | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F |
| 6 | 70,000 (74.1) | 49,600 (78.5) | | | | | |
| 8 | 45,950 (70.9) | 42,400 (76.2) | 38,950 (79.5) | | | | |
| 10 | 33,100 (67.6) | 31,300 (73.9) | 29,350 (77.7) | | | | |
| 12 | 25,100 (63.8) | 24,150 (71.5) | 23,000 (75.9) | 21,800 (78.7) | | | |
| 15 | 17,500 (57.8) | 17,250 (67.8) | 16,700 (73.1) | 16,050 (76.5) | 15,300 (78.9) | | |
| 20 | 10,100 (46.4) | 10,550 (60.5) | 10,450 (68.3) | 10,200 (72.7) | 9,860 (75.7) | 9,510 (77.8) | 9,130 (79.7) |
| 25 | 5,640 (30) | 6,460 (52.4) | 6,710 (62.7) | 6,650 (68.7) | 6,480 (72.5) | 6,300 (75.1) | 6,080 (77.3) |
| 30 | | 3,780 (43.1) | 4,160 (56.6) | 4,260 (64.3) | 4,190 (69.1) | 4,110 (72.3) | 3,970 (74.9) |
| 35 | | 1,860 (29.8) | 2,310 (49.8) | 2,530 (59.3) | 2,540 (65.5) | 2,510 (69.4) | 2,430 (72.4) |
| 40 | | | 940 (42.1) | 1,180 (53.9) | 1,290 (61.2) | 1,300 (66.4) | 1,250 (69.8) |
| Min. boom angle for indicated length (no load) | | | 41.1° | 52.9° | 60.2° | 65.4° | 68.8° |
| Max. boom length at 0° boom angle (no load) | | | 47.6 ft. | | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | |
|---------------|--------------------------|---------------|------|------|------|------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F |
| 0° | 3,610 (28.3) | 560 (39.5) | | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 6,400 | 3,650 | 3,450 | 2,300 | 2,300 | 2,300 | 2,300 |
| 26' tele. | 5,000 | 3,200 | 3,000 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 8,600 | 5,000 | 4,650 | 3,300 | 3,300 | 3,300 | 3,300 |

80131229

RATED LIFTING CAPACITIES IN POUNDS

37 FT. - 151 FT. BOOM

WITHOUT COUNTERWEIGHT

ON OUTRIGGERS FULLY EXTENDED - 360°

| Radius in Feet | #8001 or #8003 or #8005 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 115,000 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 98,850 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 86,350 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 76,450 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 64,850 (57.8) | 49,600 (67.8) | 49,600 (73.1) | 46,700 (76.5) | 39,700 (78.9) | | | | | | |
| 20 | 49,800 (46.4) | 49,600 (60.5) | 49,600 (68.3) | 42,050 (72.7) | 36,100 (75.7) | 30,250 (77.8) | 23,550 (79.7) | | | | |
| 25 | 36,550 (30) | 37,750 (52.4) | 38,550 (62.7) | 38,150 (68.7) | 32,950 (72.5) | 27,400 (75.1) | 21,150 (77.3) | 18,600 (79) | | | |
| 30 | | 29,100 (43.1) | 29,950 (56.6) | 30,400 (64.3) | 30,250 (69.1) | 24,700 (72.3) | 19,100 (74.9) | 16,950 (76.8) | 14,500 (78.4) | 11,300 (79.7) | |
| 35 | | 21,150 (29.8) | 21,950 (49.8) | 22,350 (59.3) | 22,550 (65.5) | 22,350 (69.4) | 17,250 (72.4) | 15,450 (74.6) | 13,900 (76.5) | 11,300 (78) | 10,050 (78.8) |
| 40 | | | 16,800 (42.1) | 17,150 (53.9) | 17,350 (61.2) | 17,550 (66.4) | 15,700 (69.8) | 14,150 (72.4) | 12,800 (74.5) | 11,300 (76.2) | 10,050 (77.1) |
| 45 | | | 13,200 (31.5) | 13,500 (48.1) | 13,700 (56.8) | 13,900 (62.8) | 13,950 (67.1) | 12,950 (70.1) | 11,750 (72.5) | 10,700 (74.4) | 10,050 (75.4) |
| 50 | | | 10,550 (15.9) | 10,900 (41.6) | 11,100 (52.1) | 11,200 (59) | 11,250 (64) | 11,350 (67.8) | 10,850 (70.4) | 9,930 (72.6) | 9,470 (73.6) |
| 55 | | | | 8,850 (32.7) | 9,040 (47) | 9,190 (55) | 9,280 (60.7) | 9,370 (65) | 9,430 (68.3) | 9,200 (70.7) | 8,780 (71.8) |
| 60 | | | | 7,230 (21) | 7,400 (41.3) | 7,550 (50.7) | 7,640 (57.2) | 7,720 (62.1) | 7,780 (65.9) | 7,820 (68.8) | 7,770 (70) |
| 65 | | | | | 6,080 (33.6) | 6,220 (46.2) | 6,300 (53.6) | 6,380 (59.1) | 6,440 (63.3) | 6,470 (66.7) | 6,430 (68.1) |
| 70 | | | | | 4,990 (24.1) | 5,120 (41.2) | 5,200 (49.7) | 5,280 (55.9) | 5,330 (60.6) | 5,360 (64.3) | 5,320 (66) |
| 75 | | | | | 4,090 (8.3) | 4,200 (34.3) | 4,270 (45.6) | 4,350 (52.6) | 4,400 (57.7) | 4,430 (61.8) | 4,390 (63.7) |
| 80 | | | | | | 3,420 (26.3) | 3,490 (41.1) | 3,560 (49.1) | 3,610 (54.8) | 3,640 (59.3) | 3,600 (61.3) |
| 85 | | | | | | 2,750 (15.3) | 2,810 (35) | 2,870 (45.3) | 2,920 (51.7) | 2,950 (56.7) | 2,910 (58.8) |
| 90 | | | | | | | 2,100 (27.9) | 2,280 (41.2) | 2,330 (48.5) | 2,350 (53.9) | 2,310 (56.3) |
| 95 | | | | | | | 1,470 (19) | 1,760 (35.6) | 1,810 (45) | 1,830 (51.1) | 1,790 (53.7) |
| 100 | | | | | | | | 1,210 (29.3) | 1,340 (41.2) | 1,370 (48) | 1,330 (50.9) |
| 105 | | | | | | | | 710 (21.7) | 920 (36.1) | 950 (44.8) | 910 (48) |
| 110 | | | | | | | | | 540 (30.3) | 580 (41.3) | 540 (45) |
| Min. boom angle for indicated length (no load) | | | | | | | | 20.7° | 29.3° | 40.3° | 44° |
| Max. boom length at 0° boom angle (no load) | | | | | | | | 107.6 ft. | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|------------------|-----------------|-----------------|-----------------|-----------------|---------------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 14,400 (28.3) | 10,000 (39.5) | 6,570 (51.5) | 4,360 (63.5) | 2,820 (75.5) | 1,690 (87.5) | 820 (99.5) | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 2,650 | 2,550 | 2,550 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 3,400 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131230

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITHOUT COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #8015 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 7,720 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 7,720 (75.2) | 6,370 (76.6) | 5,200 (77.8) | 4,420 (78.5) |
| 50 | 7,670 (73.5) | 6,370 (75.1) | 5,200 (76.4) | 4,420 (77.1) |
| 55 | 7,260 (71.8) | 6,370 (73.6) | 5,200 (75) | 4,420 (75.8) |
| 60 | 6,880 (70.1) | 6,370 (72) | 5,200 (73.6) | 4,420 (74.4) |
| 65 | 6,520 (68.4) | 6,260 (70.5) | 5,200 (72.2) | 4,420 (73.1) |
| 70 | 5,930 (66.6) | 5,810 (68.8) | 5,200 (70.7) | 4,420 (71.7) |
| 75 | 5,000 (64.4) | 4,870 (67.2) | 4,750 (69.2) | 4,420 (70.3) |
| 80 | 4,200 (62.1) | 4,080 (65.2) | 3,960 (67.7) | 3,860 (68.8) |
| 85 | 3,520 (59.8) | 3,400 (63.2) | 3,280 (65.9) | 3,180 (67.3) |
| 90 | 2,920 (57.4) | 2,800 (61) | 2,680 (64) | 2,580 (65.5) |
| 95 | 2,400 (54.9) | 2,280 (58.8) | 2,160 (62.1) | 2,060 (63.7) |
| 100 | 1,940 (52.4) | 1,820 (56.6) | 1,700 (60) | 1,600 (61.8) |
| 105 | 1,530 (49.7) | 1,400 (54.3) | 1,290 (58) | 1,190 (59.8) |
| 110 | 1,160 (46.9) | 1,040 (51.9) | 920 (55.9) | 820 (57.8) |
| 115 | 830 (44) | 700 (49.4) | 590 (53.7) | |
| 120 | 530 (40.8) | | | |
| Min. boom angle for indicated length (no load) | 39.8° | 48.4° | 52.7° | 56.8° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131263_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITHOUT COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #8020 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,730 (77.8) | | | |
| 50 | 6,540 (76.2) | 6,400 (77.6) | | |
| 55 | 6,360 (74.5) | 6,150 (76.1) | 5,590 (77.4) | 4,940 (78) |
| 60 | 6,100 (72.8) | 5,880 (74.5) | 5,590 (75.9) | 4,940 (76.7) |
| 65 | 5,810 (71) | 5,620 (72.9) | 5,370 (74.5) | 4,940 (75.3) |
| 70 | 5,550 (69.2) | 5,380 (71.3) | 5,160 (73) | 4,940 (73.9) |
| 75 | 5,300 (67.4) | 5,150 (69.6) | 4,960 (71.6) | 4,840 (72.5) |
| 80 | 4,770 (65.3) | 4,680 (68) | 4,580 (70) | 4,490 (71.1) |
| 85 | 4,030 (63) | 3,940 (66.1) | 3,840 (68.5) | 3,760 (69.6) |
| 90 | 3,390 (60.6) | 3,290 (64) | 3,200 (66.9) | 3,110 (68.1) |
| 95 | 2,820 (58.1) | 2,730 (61.8) | 2,630 (64.9) | 2,550 (66.4) |
| 100 | 2,310 (55.6) | 2,220 (59.5) | 2,130 (62.9) | 2,050 (64.5) |
| 105 | 1,870 (52.9) | 1,780 (57.2) | 1,690 (60.8) | 1,600 (62.5) |
| 110 | 1,460 (50.1) | 1,370 (54.8) | 1,280 (58.7) | 1,200 (60.5) |
| 115 | 1,100 (47.1) | 1,010 (52.3) | 920 (56.5) | 840 (58.4) |
| 120 | 770 (43.9) | 680 (49.7) | 590 (54.2) | 510 (56.3) |
| Min. boom angle for indicated length (no load) | 42.9° | 48.7° | 53.2° | 55.3° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131263_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITHOUT COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - 360°
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #8025 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,530 (76.9) | 5,440 (78.2) | | |
| 60 | 5,420 (75.1) | 5,350 (76.6) | 5,190 (78) | |
| 65 | 5,320 (73.3) | 5,190 (75) | 5,000 (76.5) | 4,870 (77.2) |
| 70 | 5,140 (71.5) | 4,990 (73.4) | 4,810 (75) | 4,700 (75.8) |
| 75 | 4,940 (69.6) | 4,800 (71.7) | 4,640 (73.5) | 4,540 (74.3) |
| 80 | 4,760 (67.7) | 4,630 (70) | 4,470 (72) | 4,380 (72.9) |
| 85 | 4,470 (65.5) | 4,400 (68.2) | 4,320 (70.4) | 4,230 (71.4) |
| 90 | 3,770 (63.1) | 3,710 (66.4) | 3,640 (68.8) | 3,570 (69.9) |
| 95 | 3,160 (60.6) | 3,100 (64.1) | 3,030 (67.1) | 2,960 (68.3) |
| 100 | 2,620 (57.9) | 2,560 (61.8) | 2,500 (65) | 2,430 (66.6) |
| 105 | 2,130 (55.2) | 2,080 (59.4) | 2,010 (62.9) | 1,950 (64.6) |
| 110 | 1,700 (52.2) | 1,640 (56.9) | 1,580 (60.7) | 1,510 (62.5) |
| 115 | 1,300 (49.2) | 1,250 (54.3) | 1,190 (58.5) | 1,120 (60.4) |
| 120 | 930 (45.8) | 890 (51.6) | 830 (56.1) | 770 (58.2) |
| 125 | 600 (42.2) | 560 (48.7) | 510 (53.7) | |
| Min. boom angle for indicated length (no load) | 41.2° | 47.7° | 52.7° | 57.2° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131263_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITHOUT COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR

| Radius in Feet | #8026 or #8028 or #8030 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 120,000 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 107,000 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 95,400 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 85,600 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 73,900 (57.8) | 49,600 (67.8) | 49,600 (73.1) | 46,700 (76.5) | 39,700 (78.9) | | | | | | |
| 20 | 53,900 (46.4) | 49,600 (60.5) | 49,600 (68.3) | 42,050 (72.7) | 36,100 (75.7) | 30,250 (77.8) | 23,550 (79.7) | | | | |
| 25 | 37,450 (30) | 41,550 (52.4) | 42,100 (62.7) | 38,150 (68.7) | 32,950 (72.5) | 27,400 (75.1) | 21,150 (77.3) | 18,600 (79) | | | |
| 30 | | 32,900 (43.1) | 33,400 (56.6) | 33,750 (64.3) | 30,250 (69.1) | 24,700 (72.3) | 19,100 (74.9) | 16,950 (76.8) | 14,500 (78.4) | 11,300 (79.7) | |
| 35 | | 25,000 (29.8) | 25,500 (49.8) | 25,800 (59.3) | 26,000 (65.5) | 22,350 (69.4) | 17,250 (72.4) | 15,450 (74.6) | 13,900 (76.5) | 11,300 (78) | 10,050 (78.8) |
| 40 | | | 20,050 (42.1) | 20,400 (53.9) | 20,550 (61.2) | 20,300 (66.4) | 15,700 (69.8) | 14,150 (72.4) | 12,800 (74.5) | 11,300 (76.2) | 10,050 (77.1) |
| 45 | | | 16,150 (31.5) | 16,450 (48.1) | 16,600 (56.8) | 16,750 (62.8) | 14,350 (67.1) | 12,950 (70.1) | 11,750 (72.5) | 10,700 (74.4) | 10,050 (75.4) |
| 50 | | | 13,100 (15.9) | 13,500 (41.6) | 13,650 (52.1) | 13,800 (59) | 13,200 (64) | 11,900 (67.8) | 10,850 (70.4) | 9,930 (72.6) | 9,470 (73.6) |
| 55 | | | | 11,250 (32.7) | 11,400 (47) | 11,500 (55) | 11,550 (60.7) | 11,000 (65) | 10,000 (68.3) | 9,200 (70.7) | 8,780 (71.8) |
| 60 | | | | 9,480 (21) | 9,650 (41.3) | 9,770 (50.7) | 9,850 (57.2) | 9,920 (62.1) | 9,300 (65.9) | 8,540 (68.8) | 8,160 (70) |
| 65 | | | | | 8,160 (33.6) | 8,280 (46.2) | 8,350 (53.6) | 8,420 (59.1) | 8,460 (63.3) | 7,940 (66.7) | 7,590 (68.1) |
| 70 | | | | | 6,920 (24.1) | 7,030 (41.2) | 7,100 (49.7) | 7,170 (55.9) | 7,210 (60.6) | 7,230 (64.3) | 7,070 (66) |
| 75 | | | | | 5,400 (8.3) | 5,990 (34.3) | 6,050 (45.6) | 6,110 (52.6) | 6,160 (57.7) | 6,180 (61.8) | 6,130 (63.7) |
| 80 | | | | | | 5,090 (26.3) | 5,150 (41.1) | 5,210 (49.1) | 5,250 (54.8) | 5,270 (59.3) | 5,230 (61.3) |
| 85 | | | | | | 4,300 (15.3) | 4,370 (35) | 4,430 (45.3) | 4,470 (51.7) | 4,490 (56.7) | 4,440 (58.8) |
| 90 | | | | | | | 3,700 (27.9) | 3,750 (41.2) | 3,790 (48.5) | 3,800 (53.9) | 3,760 (56.3) |
| 95 | | | | | | | 3,090 (19) | 3,150 (35.6) | 3,190 (45) | 3,200 (51.1) | 3,160 (53.7) |
| 100 | | | | | | | | 2,620 (29.3) | 2,650 (41.2) | 2,670 (48) | 2,620 (50.9) |
| 105 | | | | | | | | 2,150 (21.7) | 2,180 (36.1) | 2,190 (44.8) | 2,150 (48) |
| 110 | | | | | | | | 1,720 (10.7) | 1,750 (30.3) | 1,760 (41.3) | 1,720 (45) |
| 115 | | | | | | | | | 1,370 (23.7) | 1,380 (36.5) | 1,330 (41.6) |
| 120 | | | | | | | | | 1,020 (15.1) | 1,030 (31.3) | 980 (37) |
| 125 | | | | | | | | | | 710 (25.4) | 670 (32.1) |
| Min. boom angle for indicated length (no load) | | | | | | | | 9.7° | 14.1° | 24.4° | 31.1° |
| Max. boom length at 0° boom angle (no load) | | | | | | | | 107.6 ft. | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|------------------|-----------------|-----------------|-----------------|-----------------|---------------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 14,400 (28.3) | 10,000 (39.5) | 6,570 (51.5) | 4,360 (63.5) | 2,820 (75.5) | 1,690 (87.5) | 820 (99.5) | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 2,200 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele | 2,550 | 2,550 | 2,550 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131231

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITHOUT COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #8040 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 7,720 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 7,720 (75.2) | 6,370 (76.6) | 5,200 (77.8) | 4,420 (78.5) |
| 50 | 7,670 (73.5) | 6,370 (75.1) | 5,200 (76.4) | 4,420 (77.1) |
| 55 | 7,260 (71.8) | 6,370 (73.6) | 5,200 (75) | 4,420 (75.8) |
| 60 | 6,880 (70.1) | 6,370 (72) | 5,200 (73.6) | 4,420 (74.4) |
| 65 | 6,520 (68.4) | 6,260 (70.5) | 5,200 (72.2) | 4,420 (73.1) |
| 70 | 6,180 (66.6) | 5,960 (68.8) | 5,200 (70.7) | 4,420 (71.7) |
| 75 | 5,870 (64.4) | 5,690 (67.2) | 5,200 (69.2) | 4,420 (70.3) |
| 80 | 5,580 (62.1) | 5,400 (65.2) | 4,990 (67.7) | 4,420 (68.8) |
| 85 | 5,220 (59.8) | 5,060 (63.2) | 4,680 (65.9) | 4,420 (67.3) |
| 90 | 4,530 (57.4) | 4,410 (61) | 4,290 (64) | 4,200 (65.5) |
| 95 | 3,920 (54.9) | 3,800 (58.8) | 3,690 (62.1) | 3,590 (63.7) |
| 100 | 3,380 (52.4) | 3,260 (56.6) | 3,150 (60) | 3,050 (61.8) |
| 105 | 2,900 (49.7) | 2,780 (54.3) | 2,670 (58) | 2,570 (59.8) |
| 110 | 2,470 (46.9) | 2,350 (51.9) | 2,230 (55.9) | 2,140 (57.8) |
| 115 | 2,080 (44) | 1,960 (49.4) | 1,850 (53.7) | 1,750 (55.7) |
| 120 | 1,730 (40.8) | 1,610 (46.7) | 1,490 (51.4) | 1,400 (53.6) |
| 125 | 1,410 (36.3) | 1,290 (44) | 1,170 (49.1) | 1,070 (51.4) |
| 130 | 1,120 (31.5) | 1,000 (40.9) | 880 (46.6) | 780 (49.2) |
| 135 | 860 (26.2) | 730 (36.8) | 610 (44) | 510 (46.8) |
| 140 | 630 (20) | | | |
| Min. boom angle for indicated length (no load) | 19° | 35.8° | 43° | 45.8° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131264_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITHOUT COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #8045 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,730 (77.8) | | | |
| 50 | 6,540 (76.2) | 6,400 (77.6) | | |
| 55 | 6,360 (74.5) | 6,150 (76.1) | 5,590 (77.4) | 4,940 (78) |
| 60 | 6,100 (72.8) | 5,880 (74.5) | 5,590 (75.9) | 4,940 (76.7) |
| 65 | 5,810 (71) | 5,620 (72.9) | 5,370 (74.5) | 4,940 (75.3) |
| 70 | 5,550 (69.2) | 5,380 (71.3) | 5,160 (73) | 4,940 (73.9) |
| 75 | 5,300 (67.4) | 5,150 (69.6) | 4,960 (71.6) | 4,840 (72.5) |
| 80 | 5,070 (65.3) | 4,930 (68) | 4,760 (70) | 4,660 (71.1) |
| 85 | 4,860 (63) | 4,730 (66.1) | 4,580 (68.5) | 4,480 (69.6) |
| 90 | 4,660 (60.6) | 4,550 (64) | 4,400 (66.9) | 4,250 (68.1) |
| 95 | 4,330 (58.1) | 4,240 (61.8) | 4,150 (64.9) | 3,980 (66.4) |
| 100 | 3,750 (55.6) | 3,660 (59.5) | 3,570 (62.9) | 3,490 (64.5) |
| 105 | 3,240 (52.9) | 3,150 (57.2) | 3,060 (60.8) | 2,980 (62.5) |
| 110 | 2,770 (50.1) | 2,680 (54.8) | 2,590 (58.7) | 2,510 (60.5) |
| 115 | 2,350 (47.1) | 2,260 (52.3) | 2,170 (56.5) | 2,090 (58.4) |
| 120 | 1,970 (43.9) | 1,880 (49.7) | 1,790 (54.2) | 1,710 (56.3) |
| 125 | 1,620 (40.3) | 1,530 (46.9) | 1,450 (51.8) | 1,370 (54.1) |
| 130 | 1,300 (35.2) | 1,210 (43.9) | 1,130 (49.3) | 1,050 (51.8) |
| 135 | 1,000 (29.6) | 920 (40.5) | 830 (46.7) | 760 (49.4) |
| 140 | 730 (23) | 650 (35.8) | 560 (43.9) | |
| Min. boom angle for indicated length (no load) | 22° | 34.8° | 42.9° | 48.4° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131264_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITHOUT COUNTERWEIGHT
ON OUTRIGGERS FULLY EXTENDED - OVER REAR
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #8050 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,530 (76.9) | 5,440 (78.2) | | |
| 60 | 5,420 (75.1) | 5,350 (76.6) | 5,190 (78) | |
| 65 | 5,320 (73.3) | 5,190 (75) | 5,000 (76.5) | 4,870 (77.2) |
| 70 | 5,140 (71.5) | 4,990 (73.4) | 4,810 (75) | 4,700 (75.8) |
| 75 | 4,940 (69.6) | 4,800 (71.7) | 4,640 (73.5) | 4,540 (74.3) |
| 80 | 4,760 (67.7) | 4,630 (70) | 4,470 (72) | 4,380 (72.9) |
| 85 | 4,580 (65.5) | 4,460 (68.2) | 4,320 (70.4) | 4,230 (71.4) |
| 90 | 4,420 (63.1) | 4,310 (66.4) | 4,170 (68.8) | 4,090 (69.9) |
| 95 | 4,270 (60.6) | 4,160 (64.1) | 4,030 (67.1) | 3,960 (68.3) |
| 100 | 4,050 (57.9) | 3,990 (61.8) | 3,900 (65) | 3,820 (66.6) |
| 105 | 3,500 (55.2) | 3,440 (59.4) | 3,380 (62.9) | 3,310 (64.6) |
| 110 | 3,000 (52.2) | 2,950 (56.9) | 2,890 (60.7) | 2,820 (62.5) |
| 115 | 2,540 (49.2) | 2,500 (54.3) | 2,440 (58.5) | 2,370 (60.4) |
| 120 | 2,130 (45.8) | 2,090 (51.6) | 2,030 (56.1) | 1,960 (58.2) |
| 125 | 1,750 (42.2) | 1,710 (48.7) | 1,660 (53.7) | 1,590 (56) |
| 130 | 1,390 (37) | 1,360 (45.6) | 1,310 (51.1) | 1,250 (53.6) |
| 135 | | 1,040 (42.3) | 990 (48.4) | 930 (51.1) |
| 140 | | 740 (37.4) | 700 (45.5) | 640 (48.5) |
| Min. boom angle for indicated length (no load) | 36° | 36.4° | 44.5° | 47.5° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131264_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITHOUT COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°

| Radius in Feet | #8401 or #8403 or #8405 | | | | | | | | | | |
|--|--------------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|------------------|-----------------|
| | Main Boom Length in Feet | | | | | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 6 | 120,000 (74.1) | 49,600 (78.5) | | | | | | | | | |
| 8 | 107,000 (70.9) | 49,600 (76.2) | 49,600 (79.5) | | | | | | | | |
| 10 | 93,800 (67.6) | 49,600 (73.9) | 49,600 (77.7) | | | | | | | | |
| 12 | 73,100 (63.8) | 49,600 (71.5) | 49,600 (75.9) | 49,600 (78.7) | | | | | | | |
| 15 | 47,250 (57.8) | 44,700 (67.8) | 42,100 (73.1) | 39,700 (76.5) | 37,450 (78.9) | | | | | | |
| 20 | 27,450 (46.4) | 27,150 (60.5) | 26,250 (68.3) | 25,250 (72.7) | 24,200 (75.7) | 23,250 (77.8) | 22,300 (79.7) | | | | |
| 25 | 16,850 (30) | 17,950 (52.4) | 18,000 (62.7) | 17,550 (68.7) | 17,000 (72.5) | 16,450 (75.1) | 15,900 (77.3) | 15,350 (79) | | | |
| 30 | | 12,150 (43.1) | 12,650 (56.6) | 12,750 (64.3) | 12,450 (69.1) | 12,100 (72.3) | 11,750 (74.9) | 11,450 (76.8) | 11,100 (78.4) | 10,750 (79.7) | |
| 35 | | 8,390 (29.8) | 9,040 (49.8) | 9,360 (59.3) | 9,310 (65.5) | 9,130 (69.4) | 8,900 (72.4) | 8,670 (74.6) | 8,440 (76.5) | 8,190 (78) | 7,990 (78.8) |
| 40 | | | 6,470 (42.1) | 6,800 (53.9) | 6,980 (61.2) | 6,920 (66.4) | 6,760 (69.8) | 6,610 (72.4) | 6,440 (74.5) | 6,260 (76.2) | 6,100 (77.1) |
| 45 | | | 4,540 (31.5) | 4,930 (48.1) | 5,100 (56.8) | 5,220 (62.8) | 5,120 (67.1) | 5,010 (70.1) | 4,890 (72.5) | 4,750 (74.4) | 4,620 (75.4) |
| 50 | | | 3,070 (15.9) | 3,480 (41.6) | 3,670 (52.1) | 3,800 (59) | 3,810 (64) | 3,740 (67.8) | 3,660 (70.4) | 3,550 (72.6) | 3,430 (73.6) |
| 55 | | | | 2,310 (32.7) | 2,540 (47) | 2,670 (55) | 2,750 (60.7) | 2,710 (65) | 2,650 (68.3) | 2,560 (70.7) | 2,460 (71.8) |
| 60 | | | | 1,370 (21) | 1,610 (41.3) | 1,760 (50.7) | 1,830 (57.2) | 1,850 (62.1) | 1,810 (65.9) | 1,740 (68.8) | 1,640 (70) |
| 65 | | | | | 830 (33.6) | 1,010 (46.2) | 1,080 (53.6) | 1,130 (59.1) | 1,100 (63.3) | 1,050 (66.7) | 960 (68.1) |
| 70 | | | | | | | | 510 (55.9) | | | |
| Min. boom angle for indicated length (no load) | | | | | 32.6° | 45.2° | 52.6° | 54.9° | 62.3° | 65.7° | 67.1° |
| Max. boom length at 0° boom angle (no load) | | | | | 71.6 ft. | | | | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | | | | | |
|---------------|--------------------------|-----------------|-----------------|---------------|------|------|-------|-------|-------|-------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F | 120-G | 132-H | 144-J | 150.5 |
| 0° | 12,650 (28.3) | 5,990 (39.5) | 2,700 (51.5) | 830 (63.5) | | | | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 4,300 | 2,800 | 2,650 | 2,500 | 2,450 | 2,300 | 2,300 | 2,300 | 2,300 | 2,300 | 2,250 |
| 26' tele. | 3,900 | 2,800 | 2,650 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 6,000 | 4,000 | 3,700 | 3,550 | 3,400 | 3,300 | 3,300 | 3,250 | 3,250 | 3,250 | 3,250 |

80131233

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITHOUT COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 0° OFFSET ANGLE

| Radius in Feet | #8415 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 30 | 7,720 (80) | | | |
| 35 | 7,720 (78.4) | 6,370 (79.6) | | |
| 40 | 6,900 (76.8) | 6,370 (78.1) | 5,200 (79.2) | 4,420 (79.8) |
| 45 | 5,420 (75.2) | 5,120 (76.6) | 4,840 (77.8) | 4,420 (78.5) |
| 50 | 4,240 (73.5) | 3,970 (75.1) | 3,720 (76.4) | 3,530 (77.1) |
| 55 | 3,260 (71.8) | 3,020 (73.6) | 2,790 (75) | 2,620 (75.8) |
| 60 | 2,450 (70.1) | 2,230 (72) | 2,020 (73.6) | 1,860 (74.4) |
| 65 | 1,760 (68.4) | 1,560 (70.5) | 1,360 (72.2) | 1,210 (73.1) |
| 70 | 1,170 (66.6) | 980 (68.8) | 790 (70.7) | 650 (71.7) |
| 75 | 660 (64.4) | | | |
| Min. boom angle for indicated length (no load) | 63.4° | 67.8° | 69.7° | 70.7° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131266_0

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITHOUT COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 15° OFFSET ANGLE

| Radius in Feet | #8420 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 40 | 7,000 (79.5) | | | |
| 45 | 6,560 (77.8) | | | |
| 50 | 5,250 (76.2) | 5,000 (77.6) | | |
| 55 | 4,170 (74.5) | 3,950 (76.1) | 3,730 (77.4) | 3,570 (78) |
| 60 | 3,270 (72.8) | 3,060 (74.5) | 2,860 (75.9) | 2,720 (76.7) |
| 65 | 2,500 (71) | 2,310 (72.9) | 2,130 (74.5) | 1,990 (75.3) |
| 70 | 1,840 (69.2) | 1,670 (71.3) | 1,500 (73) | 1,370 (73.9) |
| 75 | 1,270 (67.4) | 1,110 (69.6) | 940 (71.6) | 820 (72.5) |
| 80 | 770 (65.3) | 610 (68) | | |
| Min. boom angle for indicated length (no load) | 64.3° | 67° | 70.6° | 71.5° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131266_15

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
2. For boom angles not shown, use the rating of the next lower boom angle.

WARNING: Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.

3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
36 FT. FIXED OFFSETABLE BOOM EXTENSION
WITHOUT COUNTERWEIGHT
ON OUTRIGGERS 50% EXTENDED - 360°
36 FT. EXTENSION AT 30° OFFSET ANGLE

| Radius in Feet | #8425 | | | |
|--|--------------------------|-----------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | |
| | 120-G | 132-H | 144-J | 150.5 |
| 50 | 5,660 (78.6) | | | |
| 55 | 5,000 (76.9) | 4,790 (78.2) | | |
| 60 | 4,010 (75.1) | 3,820 (76.6) | 3,630 (78) | |
| 65 | 3,160 (73.3) | 2,990 (75) | 2,820 (76.5) | 2,700 (77.2) |
| 70 | 2,430 (71.5) | 2,280 (73.4) | 2,130 (75) | 2,010 (75.8) |
| 75 | 1,800 (69.6) | 1,660 (71.7) | 1,520 (73.5) | 1,400 (74.3) |
| 80 | 1,240 (67.7) | 1,110 (70) | 980 (72) | 870 (72.9) |
| 85 | 750 (65.5) | 630 (68.2) | 510 (70.4) | |
| Min. boom angle for indicated length (no load) | 64.5° | 67.2° | 69.4° | 71.9° |
| Max. boom length at 0° boom angle (no load) | 47.6 ft. | 47.6 ft. | 47.6 ft. | 47.6 ft. |

#RCL operating code. Refer to Operator's Manual for operating instructions.

80131266_30

NOTE: () Boom angles are in degrees.

BOOM EXTENSION CAPACITY NOTES:

1. 36 ft. extension length may be used for single line lifting service only.
 2. For boom angles not shown, use the rating of the next lower boom angle.
- WARNING:** Operation of this machine with heavier loads than the capacities listed is strictly prohibited. Machine tipping with boom extension occurs rapidly and without advance warning.
3. Boom angle is the angle above or below horizontal of the longitudinal axis of the boom base section after lifting rated load.
 4. Capacities listed are with outriggers properly extended and vertical jacks set only.

RATED LIFTING CAPACITIES IN POUNDS
37 FT. - 151 FT. BOOM
WITHOUT COUNTERWEIGHT
ON OUTRIGGERS 0° EXTENDED - 360°

| Radius in Feet | #8801 or #8803 or #8805 | | | | | | |
|---|--------------------------|------------------|------------------|------------------|------------------|-----------------|-----------------|
| | Main Boom Length in Feet | | | | | | |
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F |
| 6 | 57,700 (74.1) | 49,600 (78.5) | | | | | |
| 8 | 37,350 (70.9) | 34,600 (76.2) | 31,850 (79.5) | | | | |
| 10 | 26,500 (67.6) | 25,200 (73.9) | 23,650 (77.7) | | | | |
| 12 | 19,800 (63.8) | 19,150 (71.5) | 18,300 (75.9) | 17,350 (78.7) | | | |
| 15 | 13,300 (57.8) | 13,300 (67.8) | 12,900 (73.1) | 12,450 (76.5) | 11,850 (78.9) | | |
| 20 | 7,020 (46.4) | 7,610 (60.5) | 7,620 (68.3) | 7,470 (72.7) | 7,210 (75.7) | 6,950 (77.8) | 6,640 (79.7) |
| 25 | 3,440 (30) | 4,120 (52.4) | 4,440 (62.7) | 4,440 (68.7) | 4,340 (72.5) | 4,220 (75.1) | 4,040 (77.3) |
| 30 | | 1,830 (43.1) | 2,260 (56.6) | 2,420 (64.3) | 2,390 (69.1) | 2,350 (72.3) | 2,250 (74.9) |
| 35 | | | 680 (49.8) | 940 (59.3) | 990 (65.5) | 990 (69.4) | 930 (72.4) |
| Min. boom angle for indicated length (no load) | | 42.1° | 48.8° | 58.3° | 64.5° | 68.4° | 71.4° |
| Max. boom length at 0° boom angle (no load) | 36.3 ft. | | | | | | |

#RCL operating code. Refer to Operator's Manual for operating instructions.

NOTE: () Boom angles are in degrees.

| Boom Angle | Main Boom Length in Feet | | | | | | |
|---------------|--------------------------|------|------|------|------|------|-------|
| | 36.8 | 48-A | 60-B | 72-C | 84-D | 96-E | 108-F |
| 0° | 1,730 (28.3) | | | | | | |

NOTE: () Reference radii in feet.

| Rated Load Reductions from main boom capacity when lifting over main boom nose with: | | | | | | | |
|--|-------|-------|-------|-------|-------|-------|-------|
| 36' lattice | 6,400 | 3,650 | 3,450 | 2,300 | 2,300 | 2,300 | 2,300 |
| 26' tele. | 5,000 | 3,200 | 3,000 | 2,500 | 2,500 | 2,500 | 2,500 |
| 45' tele. | 8,600 | 5,000 | 4,650 | 3,300 | 3,300 | 3,300 | 3,300 |

80131234