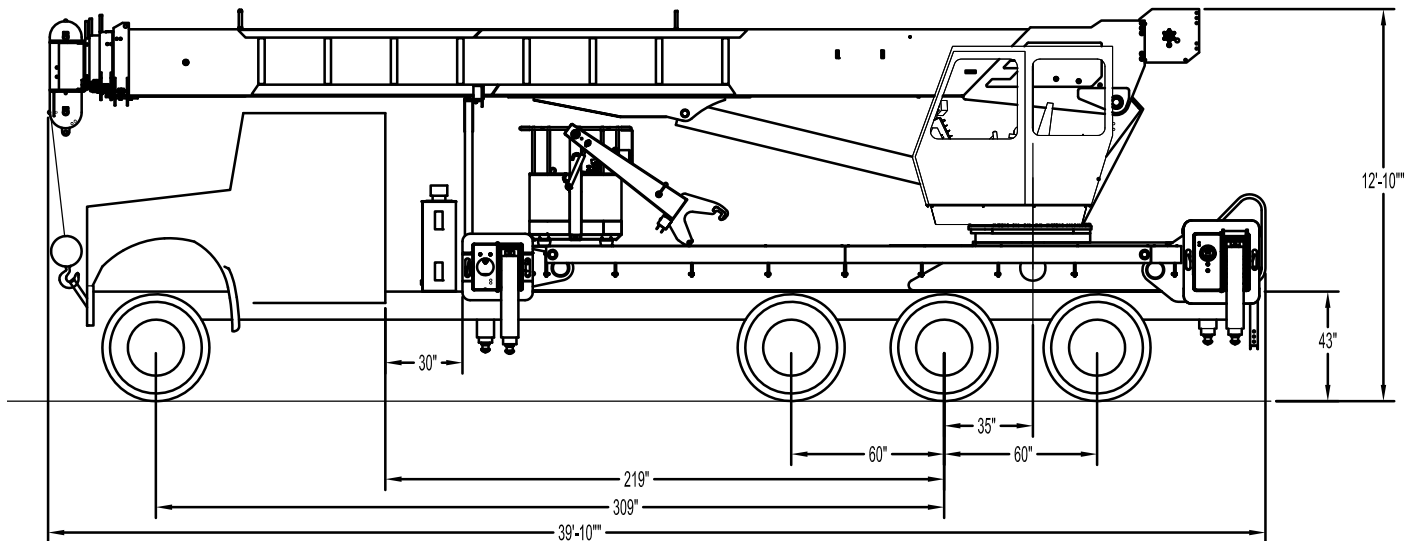




40142 SIDE VIEW DIAGRAM



- | | | | |
|----------------------------------|-------------------------------|---------------------------------|--------------------------------|
| • Maximum Vertical Reach | 207'63,1 m | • Powered Boom Sections | 5 |
| • Working Area | 360 Degrees | • Overall Height | 12'10"/3,9 m |
| • Lifting Capacity | 80,000 lbs/36 287 kg | • Operator Controls | Rotating Cab with Control Seat |
| • Boom Length | 142'43,3 m | • Outrigger Type Front | Out-Down |
| • Crane Weight (Standard) | 40,300 lbs/18 280 kg | • Outrigger Spread Front | 21'2"/6,4 m |
| • Jib Lengths | 26', 32'-55'/ 8 m, 9,7-16,8 m | • Outrigger Type Rear | Out-Down |
| • Winch Bare Drum Pull | 15,000 lbs/6804 kg | • Outrigger Spread Rear | 26'2"/8 m |

TECHNICAL SPECIFICATIONS

Crane Capacity: 80,000 lbs at 7' load radius.

Maximum Tip Height: 142' height (207' with optional 32'-55' jib)

Control Console: Rotating seated controls with operator cab and deluxe operators seat. Station equipped with four pilot operated control levers for the main crane controls. Operator station includes LMI display, diesel heater, bubble level gauge, engine start/stop switch, signal horn button, variable speed throttle switch, lifting capacity chart, range diagram chart, boom angle indicator, system pressure gauge, 12V DC power source, and cup holder. Independent ground level electric operated outrigger controls.

Boom: Five-section fully proportional, high strength steel plated rectangular tube sections. 34'9" retracted and 142' extended boom. A maximum boom tip height of 152' mounted on a truck. The boom nose contains one floating upper sheave and three lower sheaves. Assembly includes heavy-duty cylinder fittings, pivot pins, and replaceable wear pads.

Winch: Mounted at the base of the boom for a long fleet angle and flat level spooling of cable. Winch is driven by a planetary reducer and powered by a hydraulic motor. Burst-of-speed winch provides increased line speed. The winch brake is spring applied, pressure release design. Supplied with 430' of 5/8" diameter rotation resistant wire rope with a single line pull of 10,000 lbs., and a downhaul ball with swivel hook for single part line.

Load Moment Indicator System: System senses hoist cylinder pressures, boom length and boom angle with hydraulic function lockout. The display console is equipped with a bar graph showing crane utilization, boom angle or boom length, a mode select controls for main boom and jib operation, and an anti-two block with an audio/visual

Elliott Equipment Company reserves the right to change the specification of any unit at any time without prior notice. This brochure is only a statement of general specifications on the date of this publication. For more detailed info on specific Elliott trucks go to www.elliottequip.com

warning and shut-off functions to limit hook-boom point contact. Internal boom anti-two-block.

Outriggers: Two sets of out and down overframe outriggers with 21'2" span in front and 26'2" span at rear. Outriggers are configured for full span or mid-span only. Outriggers equipped with 22" diameter ball socket aluminum removable pads that stow on vertical outrigger legs. Front bumper stabilizer may be required.

Frame: Full length, all welded rigid 4-plate design sub-frame. Sub-frame allows for bolt-on addition of aluminum bed wings, with top plate of subbase serving as a portion of the bed deck, to form a three-piece bed.

Turret: Reverse offset turret is one-piece weldment. Turret rotates on large diameter ball bearing.

Rotation: Hydraulic motor drives turret through double reduction planetary swing drive for 360 degree continuous rotation. Glide-swing drive system has manual foot applied brake

Lift: One double-acting long stroke cylinder provides smooth and stable boom elevation. Holding valve prevents boom from falling in event of hose failure.

Boom Extension: Incorporates a 2-stage hydraulic extension cylinder, attached to the largest boom section, with a proportional cable extension system driving the outermost sections.

Hoses: All high pressure hoses are wire braid reinforced with a minimum safety factor of 4 to 1.

Cylinders: All cylinders use microhoned cylinder tubing, chrome shafts, top grade packing and protective rod wipers. Cylinder-mounted holding valves provided on all load-holding cylinders.

Hydraulic System: Equipped with air-shift PTO, piston pump, SAE O-ring face seals on pressure lines, and a

10-micron return line filter. The control valve distributes all flow to hoist system, swing circuit, and other crane functions. System is closed center type. Includes hydraulic oil cooler.

Oil Tank Capacity: 143 gallon mounted to top of frame.

Cab Equipment: Air shift PTO with indicator lights installed in truck cab. U/L approved 5:BC dry chemical fire extinguisher installed in truck cab.

Operators Manual & Video: Two CD copies and one hard copy of operation, maintenance, safety and parts manual provided with each unit. Operational and safety video provided at delivery.

Installation: Unit installed on chassis, painted, system and tank filled with oil, tested, inspected, and ready to operate.

Standard Paint: Paint turret and boom white, outriggers red, and bed and boxes black.

Bumper: Bureau of Motor Carrier Safety rear bumper.

Weight: Approximately 40,300 lbs. with 18' aluminum bed less truck.

Truck Chassis Required: Approx. 219" C.T., RBM 3,300,000 in-lb. per rail, 20,000 lb. front axle and 78,000 lb. GVWR required. Trucks must have 12V electrical system with high capacity alternator, cab clearance stop/tail/backup lights, and I.D. lamps. Additional configurations available for bridge legal cranes and export. Contact factory when additional equipment is to be added.

Options:

Air Conditioning for Crane Cab.

32'-55' 2-Stage Jib.

Gravity Leveled Work Platform.

Wireless Radio Remote Controls.

Auxiliary Winch Package.

Winch Drum Rotation Indicator.

Much More...

LOAD CHART - MAIN BOOM, FULL-SPAN OUTRIGGERS



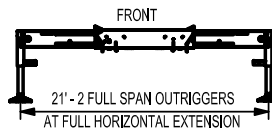
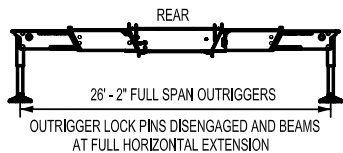
MODEL 4000 142-ft BOOM

MAIN BOOM LOAD RATINGS WITH FULLY EXTENDED OUTRIGGERS

MAIN BOOM LOAD RATINGS

LOAD RATINGS IN lbs WITH OUTRIGGERS AND STABILIZERS EXTENDED

| LOAD RADIUS IN FEET | LOADED BOOM ANGLE | 34-ft | LOADED BOOM ANGLE | A 47-ft | LOADED BOOM ANGLE | B 61-ft | LOADED BOOM ANGLE | C 74-ft | LOADED BOOM ANGLE | D 88-ft | LOADED BOOM ANGLE | E 101-ft | LOADED BOOM ANGLE | F 115-ft | LOADED BOOM ANGLE | G 128-ft | LOADED BOOM ANGLE | H 142-ft | |
|--|-------------------|--------|-------------------|---------|-------------------|---------|-------------------|---------|-------------------|---------|-------------------|----------|-------------------|----------|-------------------|----------|-------------------|----------|--|
| 7 | 75.4 | 80,000 | | | | | | | | | | | | | | | | | |
| 8 | 73.2 | 75,000 | | | | | | | | | | | | | | | | | |
| 10 | 71.0 | 66,500 | 76.7 | 43,000 | | | | | | | | | | | | | | | |
| 12 | 67.3 | 56,100 | 74.3 | 43,000 | 79.1 | 43,000 | | | | | | | | | | | | | |
| 15 | 61.7 | 49,000 | 70.5 | 43,000 | 76.3 | 42,400 | 79.5 | 36,600 | | | | | | | | | | | |
| 20 | 50.9 | 35,500 | 63.6 | 34,000 | 71.4 | 34,000 | 75.7 | 31,700 | 78.7 | 24,900 | | | | | | | | | |
| 25 | 38.1 | 24,700 | 56.0 | 25,000 | 66.3 | 28,200 | 71.5 | 26,400 | 75.2 | 21,000 | 77.8 | 17,500 | | | | | | | |
| 30 | 19.3 | 18,300 | 47.8 | 18,800 | 60.6 | 23,200 | 67.2 | 19,300 | 71.7 | 18,400 | 75.0 | 16,000 | 77.5 | 13,400 | 79.3 | 11,500 | | | |
| 35 | | | 38.0 | 14,500 | 54.5 | 14,800 | 62.8 | 15,000 | 68.1 | 15,000 | 72.0 | 14,400 | 75.0 | 11,800 | 77.0 | 10,100 | 79.1 | 6,600 | |
| 40 | | | 25.2 | 11,500 | 48.0 | 11,800 | 58.0 | 12,000 | 64.4 | 12,000 | 68.8 | 12,200 | 72.2 | 10,700 | 74.9 | 8,900 | 77.0 | 6,600 | |
| 45 | | | | | 40.7 | 9,600 | 52.9 | 9,800 | 60.6 | 9,900 | 65.6 | 10,000 | 69.8 | 9,400 | 72.6 | 8,100 | 74.8 | 6,600 | |
| 50 | | | | | 31.9 | 7,800 | 47.3 | 8,000 | 56.5 | 8,100 | 62.3 | 8,200 | 67.0 | 8,300 | 70.1 | 7,400 | 72.7 | 5,900 | |
| 55 | | | | | 19.8 | 6,500 | 41.2 | 6,600 | 52.3 | 6,700 | 59.1 | 6,800 | 64.2 | 6,900 | 67.6 | 6,500 | 70.5 | 5,300 | |
| 60 | | | | | | | 34.9 | 5,400 | 48.0 | 5,500 | 55.5 | 5,600 | 61.2 | 5,800 | 65.0 | 5,800 | 68.3 | 4,800 | |
| 65 | | | | | | | 26.4 | 4,400 | 43.0 | 4,500 | 51.8 | 4,700 | 58.1 | 4,700 | 62.4 | 4,800 | 65.9 | 4,300 | |
| 70 | | | | | | | 12.9 | 3,500 | 37.3 | 3,650 | 47.6 | 3,800 | 55.0 | 3,700 | 59.7 | 3,800 | 63.6 | 3,900 | |
| 75 | | | | | | | | | 30.8 | 2,900 | 43.1 | 3,000 | 54.6 | 3,000 | 56.9 | 3,100 | 61.2 | 3,200 | |
| 80 | | | | | | | | | 22.5 | 2,200 | 38.2 | 2,300 | 47.8 | 2,400 | 54.0 | 2,400 | 58.7 | 2,500 | |
| 85 | | | | | | | | | | | 32.7 | 1,750 | 43.8 | 1,850 | 50.8 | 2,000 | 56.2 | 2,000 | |
| 90 | | | | | | | | | | | 26.1 | 1,250 | 39.6 | 1,400 | 47.4 | 1,500 | 53.5 | 1,500 | |
| 95 | | | | | | | | | | | 17.1 | 800 | 34.9 | 1,000 | 43.8 | 1,100 | 50.7 | 1,100 | |
| 100 | | | | | | | | | | | | | 29.6 | 600 | 40.0 | 700 | 47.6 | 750 | |
| 105 | | | | | | | | | | | | | | | 35.8 | 500 | 44.3 | 500 | |
| | 0 | 16,000 | 0 | 9,550 | 0 | 5,600 | 0 | 3,300 | 0 | 1,650 | 0 | 500 | | | | | | | |
| DEDUCTIONS FOR STOWED EXTENDABLE JIB (lbs) | | 950 | | 700 | | 550 | | 450 | | 400 | | 350 | | 300 | | 250 | | 200 | DEDUCTIONS FOR STOWED EXTENDABLE JIB (lbs) |



ELLIOTT EQUIPMENT CO. SUPPLIED LOADLINE EQUIPMENT DEDUCTIONS:

- DOWNHAUL WEIGHT.....225 lbs
- ONE SHEAVE BLOCK.....424 lbs
- TWO SHEAVE BLOCK.....592 lbs
- THREE SHEAVE BLOCK.....639 lbs
- FOUR SHEAVE BLOCK.....762 lbs
- AUXILIARY SHEAVE.....100 lbs

CRANE MEETS ASME B30.5 REQUIREMENTS AT TIME OF MANUFACTURE

LOAD CHART - MAIN BOOM, MID-SPAN OUTRIGGERS



MODEL 4000 142-ft BOOM

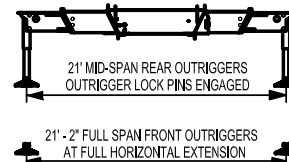
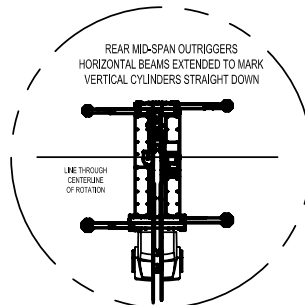
MAIN BOOM LOAD RATINGS WITH MIDSPAN OUTRIGGERS

LOAD RATINGS IN lbs WITH OUTRIGGERS AND STABILIZERS EXTENDED

| LOAD RADIUS IN FEET | LOADED BOOM ANGLE | 34-ft | LOADED BOOM ANGLE | A 47-ft | LOADED BOOM ANGLE | B 61-ft | LOADED BOOM ANGLE | C 74-ft | LOADED BOOM ANGLE | D 88-ft | LOADED BOOM ANGLE | E 101-ft | LOADED BOOM ANGLE | F 115-ft | LOADED BOOM ANGLE | G 128-ft | LOADED BOOM ANGLE | H 142-ft | |
|--|-------------------|--------|-------------------|---------|-------------------|---------|-------------------|---------|-------------------|---------|-------------------|----------|-------------------|----------|-------------------|----------|-------------------|----------|--|
| 7 | 75.4 | 80,000 | | | | | | | | | | | | | | | | | |
| 8 | 73.2 | 75,000 | | | | | | | | | | | | | | | | | |
| 10 | 71.0 | 66,500 | 76.7 | 43,000 | | | | | | | | | | | | | | | |
| 12 | 67.3 | 56,100 | 74.3 | 43,000 | 79.1 | 43,000 | | | | | | | | | | | | | |
| 15 | 61.7 | 49,000 | 70.5 | 43,000 | 76.3 | 42,400 | 79.5 | 36,600 | | | | | | | | | | | |
| 20 | 50.9 | 33,000 | 63.6 | 34,000 | 71.4 | 34,000 | 75.7 | 31,700 | 78.7 | 24,900 | | | | | | | | | |
| 25 | 38.1 | 17,000 | 56.0 | 17,500 | 66.3 | 17,900 | 71.5 | 24,000 | 75.2 | 21,000 | 77.8 | 17,500 | | | | | | | |
| 30 | 19.3 | 11,800 | 47.8 | 12,300 | 60.6 | 12,700 | 67.2 | 13,000 | 71.7 | 13,100 | 75.0 | 16,000 | 77.5 | 13,400 | 79.3 | 11,500 | | | |
| 35 | | | 38.0 | 8,800 | 54.5 | 9,200 | 62.8 | 9,300 | 68.1 | 9,500 | 72.0 | 9,600 | 75.0 | 11,800 | 77.0 | 10,100 | 79.1 | 6,600 | |
| 40 | | | 25.2 | 6,500 | 48.0 | 6,600 | 58.0 | 6,800 | 64.4 | 6,900 | 68.8 | 7,100 | 72.2 | 8,900 | 74.9 | 8,900 | 77.0 | 6,600 | |
| 45 | | | | | 40.7 | 5,000 | 52.9 | 5,400 | 60.6 | 5,500 | 65.6 | 5,700 | 69.8 | 5,900 | 72.6 | 5,900 | 74.8 | 5,900 | |
| 50 | | | | | 31.9 | 3,800 | 47.3 | 4,200 | 56.5 | 4,400 | 62.3 | 4,600 | 67.0 | 4,700 | 70.1 | 4,700 | 72.7 | 4,700 | |
| 55 | | | | | 19.8 | 2,800 | 41.2 | 3,200 | 52.3 | 3,300 | 59.1 | 3,500 | 64.2 | 3,600 | 67.6 | 3,600 | 70.5 | 3,600 | |
| 60 | | | | | | | 34.9 | 2,400 | 48.0 | 2,500 | 55.5 | 2,600 | 61.2 | 2,700 | 65.0 | 2,700 | 68.3 | 2,700 | |
| 65 | | | | | | | 26.4 | 1,700 | 43.0 | 1,800 | 51.8 | 1,900 | 58.1 | 2,000 | 62.4 | 2,000 | 65.9 | 2,000 | |
| 70 | | | | | | | 12.9 | 1,100 | 37.3 | 1,200 | 47.6 | 1,300 | 55.0 | 1,400 | 59.7 | 1,400 | 63.6 | 1,400 | |
| 75 | | | | | | | | | 30.8 | 800 | 43.1 | 900 | 54.6 | 1,000 | 56.9 | 1,000 | 61.2 | 1,000 | |
| 80 | | | | | | | | | | | | | | | 54.0 | 700 | 58.7 | 700 | |
| 0 | | 10,000 | 0 | 4,800 | 0 | 2,000 | 0 | 600 | | | | | | | | | | | |
| DEDUCTIONS FOR STOWED EXTENDABLE JIB (lbs) | | 950 | | 700 | | 550 | | 450 | | 400 | | 350 | | 300 | | 250 | | 200 | DEDUCTIONS FOR STOWED EXTENDABLE JIB (lbs) |

NOTE:

- Operate jib by radius when main boom is fully extended.
Increase boom angle if necessary to maintain load radius.
- When boom is retracted, operate jib by boom angles.
Do not exceed any rated jib capacities at reduced boom lengths.
- Do not exceed capacities recommended by ASME/ANSI B30.5.
- Load ratings above bold line are structurally limited.
- Personnel handling is allowed only with full span outriggers.
- Boom load ratings are based on loaded boom radius.
Loaded boom angles are given as reference only.



ELLIOTT EQUIPMENT CO. SUPPLIED LOADLINE EQUIPMENT DEDUCTIONS:

- DOWNHAUL WEIGHT.....225 lbs
- ONE SHEAVE BLOCK.....424 lbs
- TWO SHEAVE BLOCK.....592 lbs
- THREE SHEAVE BLOCK.....639 lbs
- FOUR SHEAVE BLOCK.....762 lbs
- AUXILIARY SHEAVE.....100 lbs

CRANE MEETS ASME B30.5 REQUIREMENTS AT TIME OF MANUFACTURE

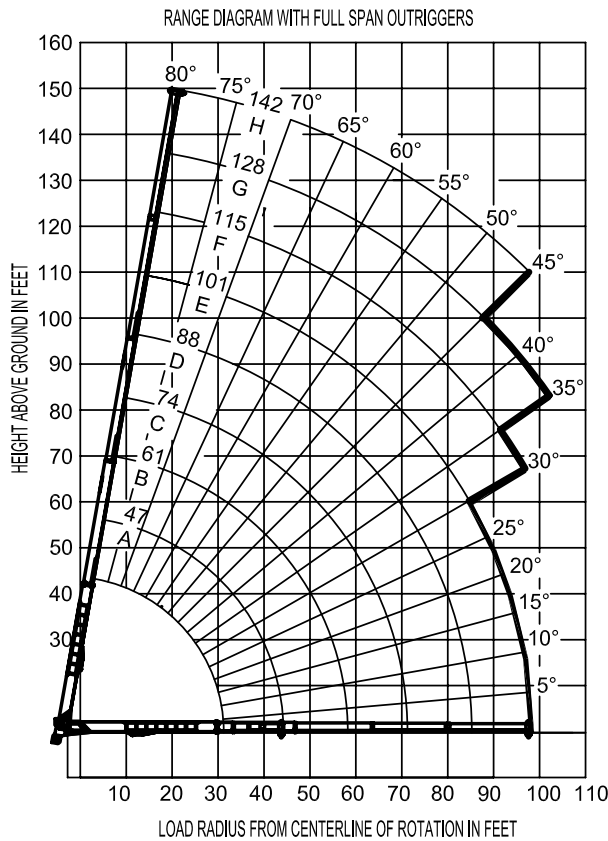
RANGE CHART - MAIN BOOM, FULL-SPAN OUTRIGGERS



MODEL 4000

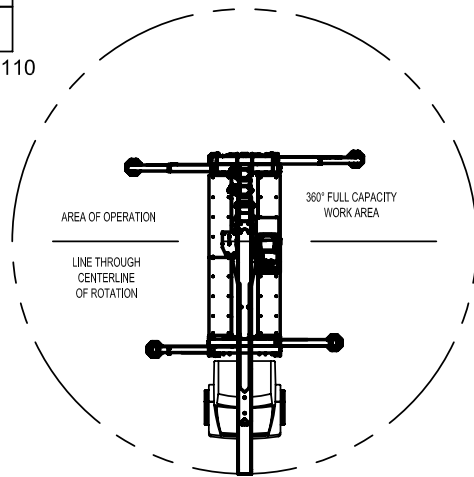
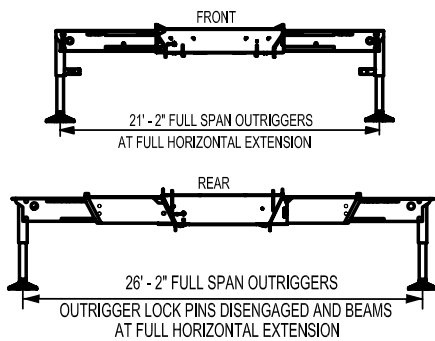
142-ft BOOM

RANGE DIAGRAM WITH FULLY EXTENDED OUTRIGGERS



NOTE:

1. Operate jib by radius when main boom is fully extended. Increase boom angle if necessary to maintain load radius.
2. When boom is retracted, operate jib by boom angles. Do not exceed any rated jib capacities at reduced boom lengths.
3. Capacities do not exceed 85% stability.
4. Load ratings above bold line are structurally limited.
5. Personnel handling is allowed only with full span outriggers.
6. Boom load ratings are based on loaded boom radius. Loaded boom angles are given as reference only.



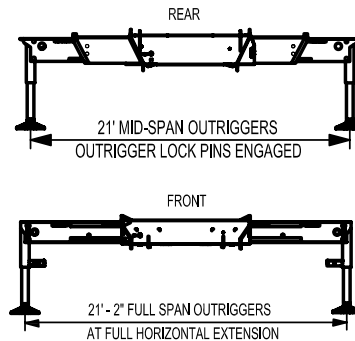
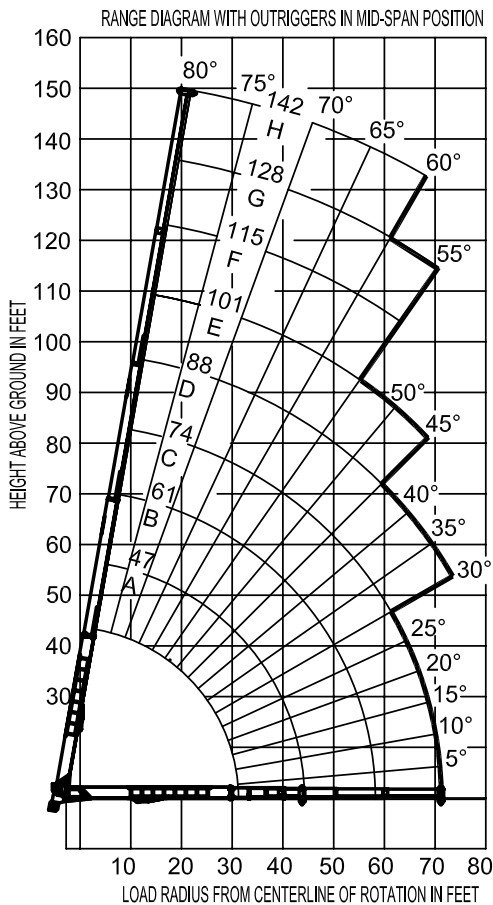
CRANE MEETS ASME B30.5 REQUIREMENTS AT TIME OF MANUFACTURE

RANGE CHART - MAIN BOOM, MID-SPAN OUTRIGGERS



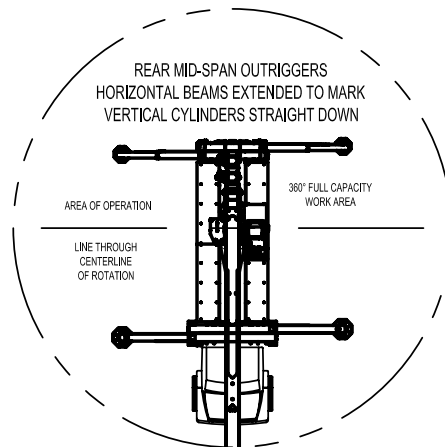
MODEL 4000 142-ft BOOM

RANGE DIAGRAM WITH MID-SPAN OUTRIGGERS



NOTE:

1. Operate jib by radius when main boom is fully extended. Increase boom angle if necessary to maintain load radius.
2. When boom is retracted, operate jib by boom angles. Do not exceed any rated jib capacities at reduced boom lengths.
3. Do not exceed capacities recommended by ASME/ANSI B30.5.
4. Load ratings above bold line are structurally limited.
5. Personnel handling is allowed only with full span outriggers.
6. Boom load ratings are based on loaded boom radius. Loaded boom angles are given as reference only.



CRANE MEETS ASME B30.5 REQUIREMENTS AT TIME OF MANUFACTURE

LOAD CHART - TWO-SECTION JIB, FULL-SPAN OUTRIGGERS

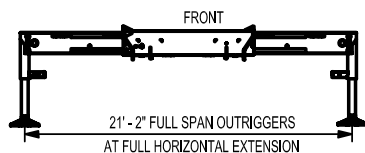
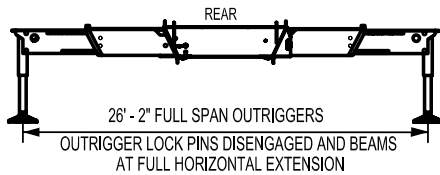


MODEL 4000 142-ft BOOM

JIB LOAD RATINGS WITH FULLY EXTENDED OUTRIGGERS

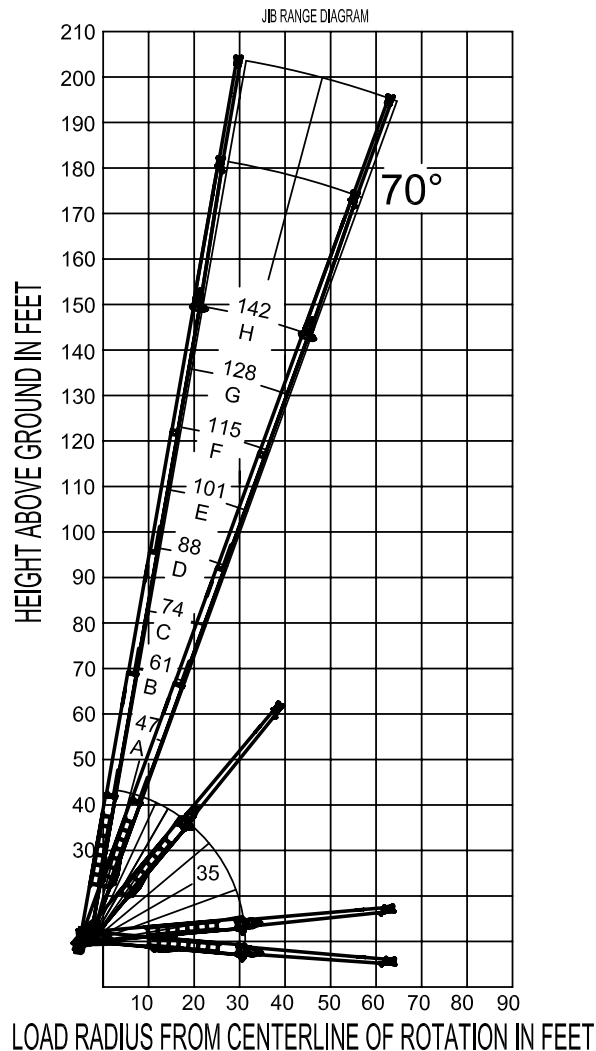
| 32'-55' TWO SECTION JIB | | | | | |
|-------------------------|-------------------|----------------|---------------------|-------------------|----------------|
| LOAD RADIUS IN FEET | LOADED BOOM ANGLE | 32-ft JIB 360° | LOAD RADIUS IN FEET | LOADED BOOM ANGLE | 55-ft JIB 360° |
| 33 | 80 | 3,600 | 40 | 80 | 2,400 |
| 50 | 75 | 3,600 | 59 | 75 | 2,400 |
| 65 | 70 | 1,200 | 76 | 70 | 800 |
| LMI MODE: 32'RET | | | LMI MODE: 55'EXT | | |

DO NOT OPERATE JIB IN WINDS EXCEEDING 15MPH



NOTE:

1. Operate jib by radius when main boom is fully extended. Increase boom angle if necessary to maintain load radius.
2. When boom is retracted, operate jib by boom angles. Do not exceed any rated jib capacities at reduced boom lengths.
3. Do not exceed capacities recommended by ASME/ANSI B30.5.
4. Load ratings above bold line are structurally limited.
5. Personnel handling is allowed only with full span outriggers.
6. Boom load ratings are based on loaded boom radius. Loaded boom angles are given as reference only.



CRANE MEETS ASME B30.5 REQUIREMENTS AT TIME OF MANUFACTURE

RANGE CHART - MAIN BOOM, 600 LB (272 KG) PLATFORM ATTACHED

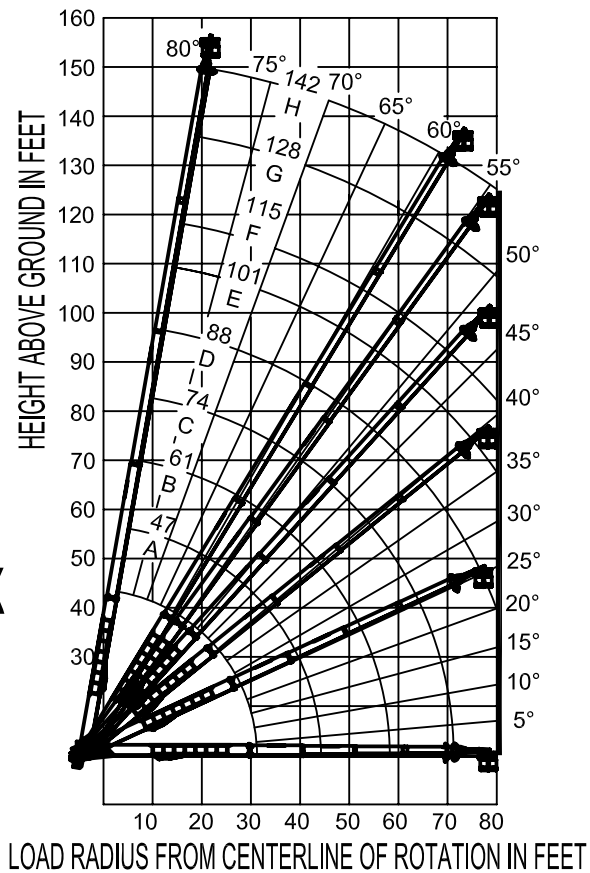


MODEL 4000

142-ft BOOM

BOOM RANGE DIAGRAM WITH PLATFORM ATTACHED

| LOAD RADIUS IN FEET | LOADED BOOM LENGTH | LOADED BOOM ANGLE |
|---------------------|--------------------|-------------------|
| 81 | 81 | 0 |
| 77 | 88 | 24.9 |
| 79 | 101 | 38.9 |
| 80 | 115 | 47.8 |
| 80 | 128 | 54.0 |
| 80 | 142 | 58.7 |



PERSONNEL 600 LBS MAX

**USE OUTRIGGERS
AT ALL TIMES**

NOTE:

1. Personnel handling is allowed only with full span outriggers.
2. Boom load ratings are based on loaded boom radius.
Loaded boom angles are given as reference only.

CRANE MEETS ASME B30.5 REQUIREMENTS AT TIME OF MANUFACTURE



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Fax: 402-592-4553
Email: sales@elliottequip.com

Built for You.
www.elliottequip.com

RANGE CHART - MAIN BOOM, 1,200 LB (544 KG) PLATFORM ATTACHED

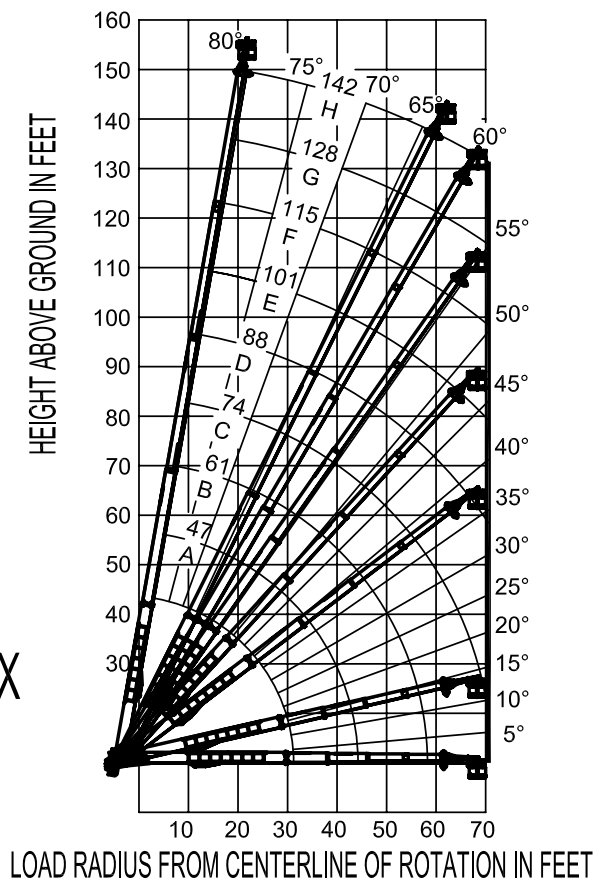


MODEL 4000

142-ft BOOM

BOOM RANGE DIAGRAM WITH PLATFORM ATTACHED

| LOAD RADIUS IN FEET | LOADED BOOM LENGTH | LOADED BOOM ANGLE |
|---------------------|--------------------|-------------------|
| 72 | 72 | 0 |
| 70 | 74 | 12.9 |
| 70 | 88 | 37.3 |
| 70 | 101 | 47.6 |
| 70 | 115 | 55.0 |
| 70 | 128 | 59.7 |
| 70 | 142 | 63.6 |



PERSONNEL 1200LBS MAX

**USE OUTRIGGERS
AT ALL TIMES**

NOTE:

1. Personnel handling is allowed only with full span outriggers.
2. Boom load ratings are based on loaded boom radius.
Loaded boom angles are given as reference only.

CRANE MEETS ASME B30.5 REQUIREMENTS AT TIME OF MANUFACTURE



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Email: sales@elliottequip.com

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RANGE CHART - 2-PIECE JIB, RETRACTED, 600 LB (272 KG) PLATFORM ATTACHED

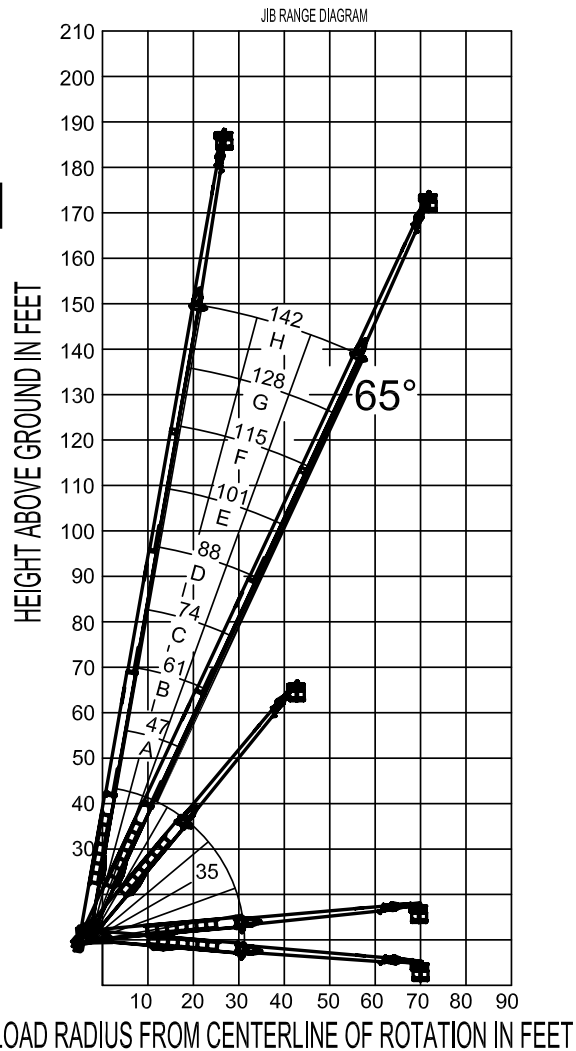


MODEL 4000

142-ft BOOM

2 PIECE FULLY RETRACTED JIB RANGE DIAGRAM WITH PLATFORM ATTACHED

PERSONNEL 600LBS MAX
DO NOT OPERATE JIB IN WINDS EXCEEDING 15MPH
USE OUTRIGGERS AT ALL TIMES



NOTE:

1. Operate jib by radius when main boom is fully extended. Increase boom angle if necessary to maintain load radius.
2. When boom is retracted, operate jib by boom angles. Do not exceed any rated jib capacities at reduced boom lengths.
3. Do not exceed capacities recommended by ASME/ANSI B30.5.
4. Load ratings above bold line are structurally limited.
5. Personnel handling is allowed only with full span outriggers.
6. Boom load ratings are based on loaded boom radius. Loaded boom angles are given as reference only.

CRANE MEETS ASME B30.5 REQUIREMENTS AT TIME OF MANUFACTURE



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 Omaha, NE 68127
 Phone: 402-592-4500
 Fax: 402-592-4553
 Email: sales@elliottequip.com

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www.elliottequip.com

RANGE CHART - 2-PIECE JIB, EXTENDED, 600 LB (272 KG) PLATFORM ATTACHED

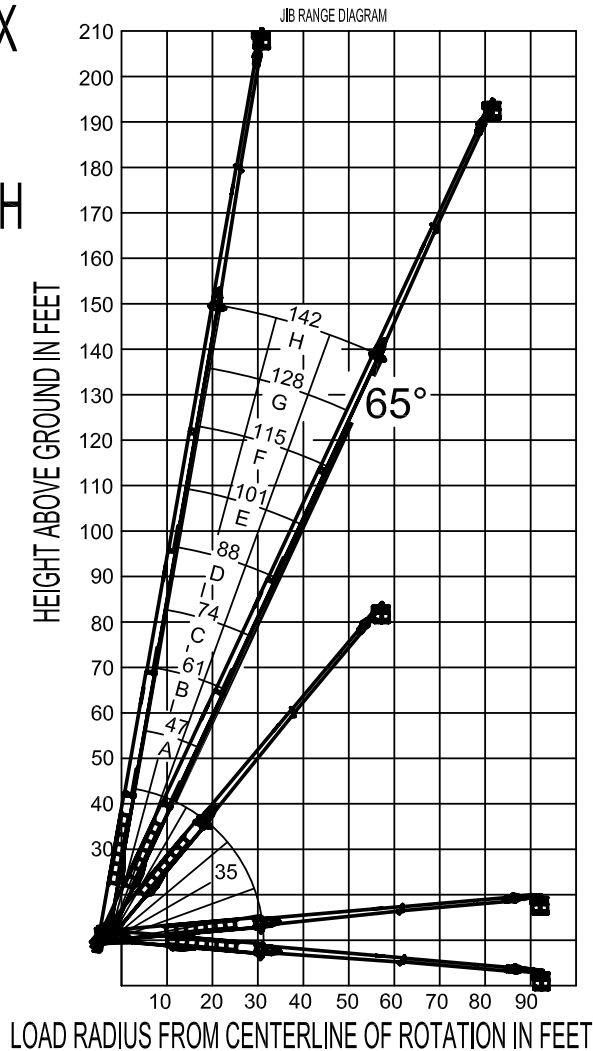


MODEL 4000

142-ft BOOM

2 PIECE FULLY EXTENDED JIB RANGE DIAGRAM WITH PLATFORM ATTACHED

PERSONNEL 600LBS MAX
DO NOT OPERATE JIB IN WINDS EXCEEDING 15MPH
USE OUTRIGGERS AT ALL TIMES



NOTE:

1. Operate jib by radius when main boom is fully extended.
Increase boom angle if necessary to maintain load radius.
2. When boom is retracted, operate jib by boom angles.
Do not exceed any rated jib capacities at reduced boom lengths.
3. Do not exceed capacities recommended by ASME/ANSI B30.5.
4. Load ratings above bold line are structurally limited.
5. Personnel handling is allowed only with full span outriggers.
6. Boom load ratings are based on loaded boom radius.
Loaded boom angles are given as reference only.

CRANE MEETS ASME B30.5 REQUIREMENTS AT TIME OF MANUFACTURE



Elliott Equipment Company
 4427 South 76th Circle
 Omaha, NE 68127
 Phone: 402-592-4500
 Fax: 402-592-4553
 Email: sales@elliottequip.com

Built for You.
www.elliottequip.com

RANGE CHART - 2-PIECE JIB, RETRACTED, 1,200 LB (544 KG) PLATFORM ATTACHED



MODEL 4000

142-ft BOOM

2 PIECE FULLY RETRACTED JIB RANGE DIAGRAM WITH PLATFORM ATTACHED

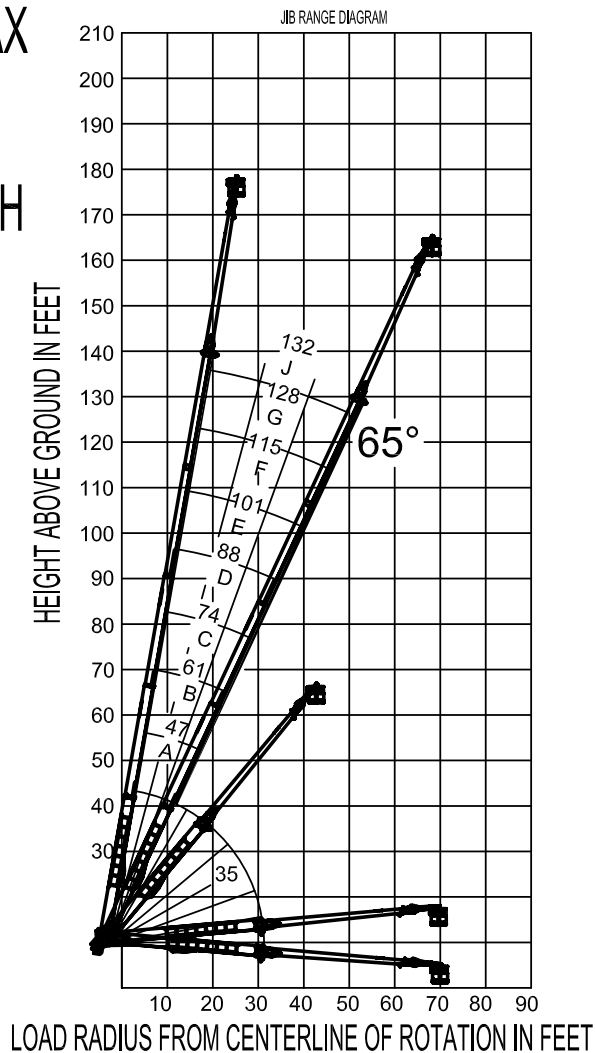
PERSONNEL 1200LBS MAX

DO NOT OPERATE JIB IN WINDS EXCEEDING 15MPH

USE OUTRIGGERS AT ALL TIMES

NOTE:

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2. When boom is retracted, operate jib by boom angles.
Do not exceed any rated jib capacities at reduced boom lengths.
3. Do not exceed capacities recommended by ASME/ANSI B30.5.
4. Load ratings above bold line are structurally limited.
5. Personnel handling is allowed only with full span outriggers.
6. Boom load ratings are based on loaded boom radius.
Loaded boom angles are given as reference only.



CRANE MEETS ASME B30.5 REQUIREMENTS AT TIME OF MANUFACTURE

RANGE CHART - 2-PIECE JIB, EXTENDED, 1,200 LB (544 KG) PLATFORM ATTACHED



MODEL 4000

142-ft BOOM

2 PIECE FULLY EXTENDED JIB RANGE DIAGRAM WITH PLATFORM ATTACHED

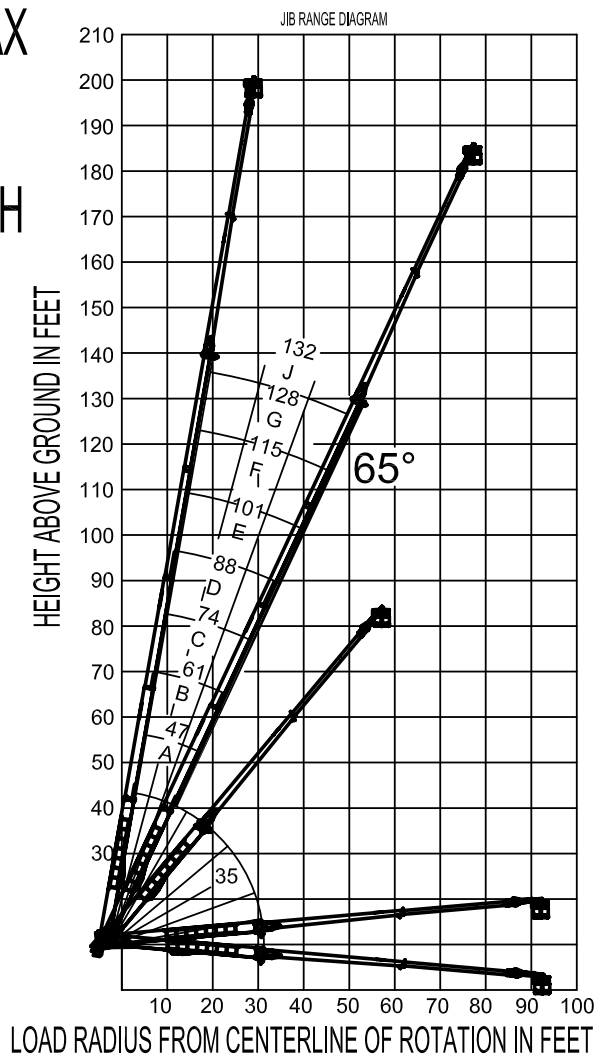
PERSONNEL 1200LBS MAX

DO NOT OPERATE JIB IN WINDS EXCEEDING 15MPH

USE OUTRIGGERS AT ALL TIMES

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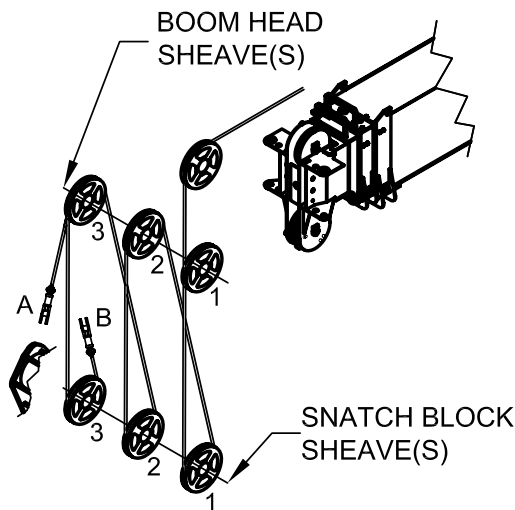
MAIN BOOM WINCH DATA



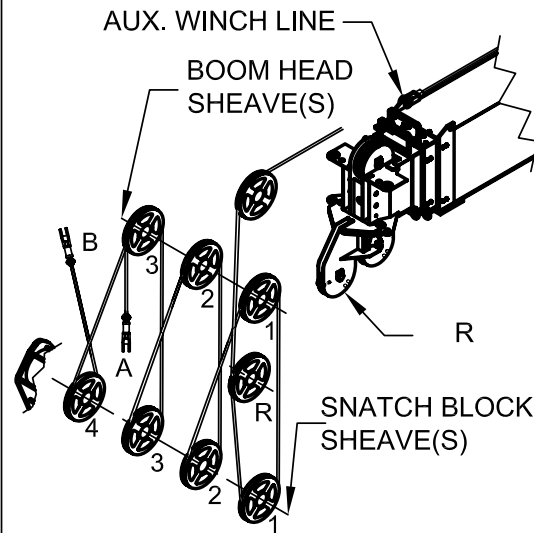
MODEL 4000

142-ft BOOM

PARTS OF LINE



1-6 PARTS OF LINE



7-8 PARTS OF LINE

NOTICE:

- DO NOT DEADHEAD LINE BLOCK AGAINST BOOM TIP WHEN EXTENDING BOOM.
- KEEP AT LEAST 5 WRAPS OF LOADLINE ON THE WINCH DRUM AT ALL TIMES.
- USE ONLY 5/8" DIAMETER WIRE ROPE, AS SPECIFIED, WITH THE PROPER BREAKING STRENGTH LISTED.
- ANTI-TWO-BLOCK SYSTEM MUST BE IN GOOD OPERATING CONDITION BEFORE OPERATING CRANE. SEE OPERATION & SAFETY MANUAL.

| PARTS OF LINE | SHEAVE(S) ON BOOM HEAD | SHEAVE(S) ON SNATCH BLOCK | 5/8" - SPIN RESISTANT (5:1 S.F.) 50,000-lbs. BREAKING STRENGTH |
|---------------|------------------------|---------------------------|--|
| 1 | 1 | A | 10,000 lbs |
| 2 | 1 B | 1 | 20,000 lbs |
| 3 | 1 2 | 1 A | 30,000 lbs |
| 4 | 1 2 B | 1 2 | 40,000 lbs |
| 5 | 1 2 3 | 1 2 A | 50,000 lbs |
| 6 | 1 2 3 B | 1 2 3 | 60,000 lbs |
| 7 | R 1 2 3 | R 1 2 3 A | 70,000 lbs |
| 8 | R 1 2 3 B | R 1 2 3 A | 80,000 lbs |

A-DEAD END FOR ODD PARTS OF LINE
 B-DEAD END FOR EVEN PARTS OF LINE
 R-ROOSTER SHEAVE REQUIRED WHEN USING 7 AND 8 PARTS OF LINE

CRANE MEETS ASME B30.5 REQUIREMENTS AT TIME OF MANUFACTURE



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TRUCK CHASSIS SPECIFICATIONS

| | 40142 BoomTruck |
|----------------------------------|--------------------------------------|
| Wheelbase (WB) | 309" / 785 cm |
| Cab to Axle (CA/CT) | 219" / 556 cm |
| Cab to End of Frame (EOF) | Contact Factory |
| Frame Section Modulus | 30.0 in3-110,000 psi / 758 428 kPa |
| Front Axle Gross Weight Rating | 20,000 lb / 9072 kg |
| Rear Axle Gross Weight Rating | 58,000 lb / 26 308 kg |
| Permit-Free Truck Configurations | Contact Factory for More Information |

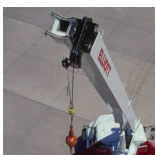
Chassis data is minimum general requirements-not for engineering.
 Actual dimensions and truck data will depend on truck selection and axle configuration.
 *Minimum chassis weight is required to meet 85% stability requirements.

OPTIONS



Radio Remote Control

Interference protected radio remotes let you get closer to your work and have full control over your machine. Optional LMI display is available.



Pin-On Jib Attachments

One piece & two piece telescoping or fixed jibs that stow on the side of the boom for easy setup while on the jobsite.



Air Conditioning in Crane Cab

Work all day in comfort with an high efficiency air conditioning system mounted on the rear of the crane control cab.



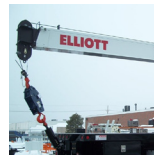
Dual Winch System & Drum Indicators

Take advantage of Elliott's auxiliary dual winch package with optional drum rotation indicators.



Tool Boxes

Optional tool boxes and bed storage can accommodate any storage need for tools, work materials and more.



Hook Block for Multi-Part Line

Elliott can include a hook block device for up to 8 parts of line to improve lifting capabilities and allow you to maximize your use of the crane.



2-Man Yoke Work Platform

Elliott's new 1,200 lb capacity 2-man platform features hydraulic yoke lifting system for easy attachment to the boom tip. Fully OSHA compliant and heavy duty.



Body Mounted Hose Reels and Circuits

Let us work with you to customize your tool compatibility by adding hose reels or hydraulic circuits to the crane bed.