

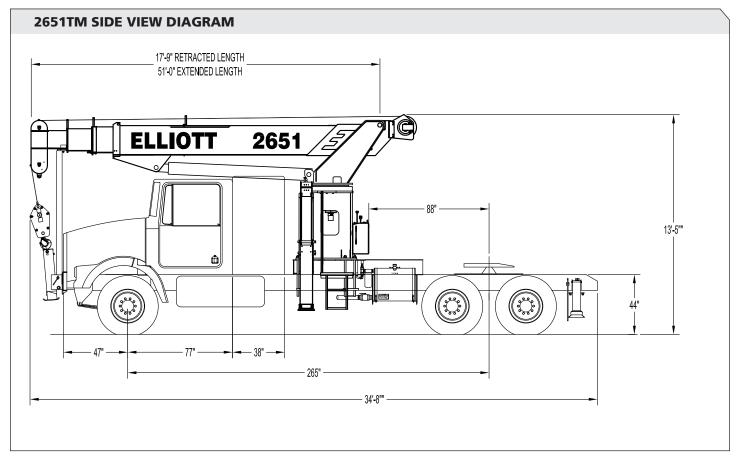
BoomTruck[™] 2651TM

TECHNICAL SPECIFICATIONS









• Maximum Vertical Reach

61'/18,6 m

Working Area

360 Degrees

Lifting Capacity

52,000 lbs/23 587 kg

Boom Length

51′/15,5 m

• Crane Weight (Standard)

22,000 lbs/9979 kg

Jib Lengths

N/A

• Winch Bare Drum Pull

12,800 lbs/5806 kg

Powered Boom Sections

• Outrigger Type Front

• Overall Height (42" FH)

• Operator Controls Dual Operator Standup Console

 Outrigger Spread Front 20'8"/6,3 m

• Outrigger Type Rear Out-Down

 Outrigger Spread Rear 18'2"/5,5 m



Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127

Phone: 402-592-4500 Fax: 402-592-4553 Email: sales@elliottequip.com



13'5"/4 m

"A" Frame

TECHNICAL SPECIFICATIONS

Crane Capacity: 52,000 lbs at 5' load radius.

Maximum Tip Height: 61' height.

Control Console: Dual standup operator control stations with Dynasmooth controls, pressure gauge, LMI display, bubble level gauge, engine start/stop switch, signal horn button, variable speed foot throttle, lifting capacity chart, range diagram chart, boom angle indicator, system pressure gauge, 12V DC power source, and cup holder. Outrigger lever controls at

Boom: Four-section fully proportional, high strength steel plated rectangular tube sections. A maximum boom tip height of 61'. The boom nose contains one floating upper sheave and three lower sheaves. Assembly includes heavyduty cylinder fittings, pivot pins, and replaceable wear pads.

control consoles.

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 425' of 9/16" diameter rotation resistant wire rope with a single line pull of 9,060 pounds, 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 warning and shut-off functions to limit hook-boom point contact.

Outriggers: One set of 'A' Frame front ouriggers with 20'10" span and one set of out and down underslung rear

outriggers with 18'2" span. Outriggers are configured for full span operation.

Frame: 4-plate design sub-frame inside track tub. Sub-frame allows for bolt-on addition of steel diamond plated bed with stake pockets.

Turret: Reverse offset turret is onepiece weldment. Turret rotates on large diameter ball bearing.

Rotation: Hydraulic motor drives turret through double reduction planetary swing drive for 372 degree noncontinuous rotation. The swing drive system has a spring applied, pressure release brake.

Lift: One double-acting long stroke cylinder provides smooth and stable boom elevation. Holding valve prevent 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 three-section gear 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 open center type.

Oil Tank Capacity: 120 gallon mounted on side of truck frame.

Cab Equipment: 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 truck 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.

Weight: Approximately 22,000 lbs. (crane only).

Chassis Required: 60,000 lb GVWR capacity, 12V electrical system with high capacity alternator. Contact factory for complete specification review.

Options:

Continuous Rotation.

Shortjacking With Superlink Outriggers.

18' Steel or Wood Bed.

Two-Person Gravity Leveled Work Platform.

Custom Toolboxes.

Hydraulic Tool Circuits on Bed.

Removable Boom Rest.

Front Recovery Winch.

Much more...

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



Elliott Equipment Company Ph 4427 South 76th Circle Fa: Omaha, NE 68127 Em



LOAD CHART - MAIN BOOM, FULL-SPAN OUTRIGGERS

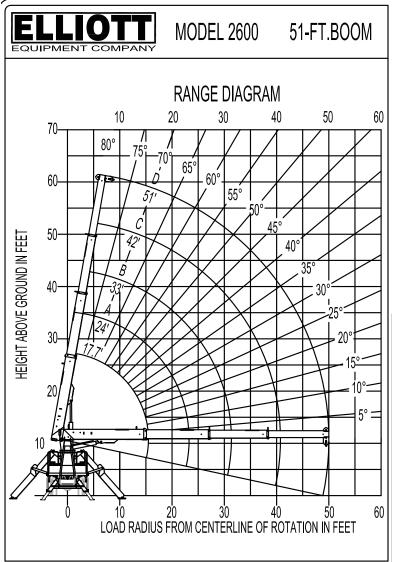
				MAIN	BOON	/ LOAE	RAT	INGS		
		L	OAD RAT	INGS IN LBS	S. WITH OU	JTRIGGERS	AND STA	BILIZERS E	XTENDED	
LOAD RADIUS	LOADED BOOM	4776	LOADED BOOM	A	LOADED BOOM	В	LOADED BOOM	C	LOADED BOOM	D 54."
IN FEET	ANGLE	17.7-ft	ANGLE	24-ft	ANGLE	33-ft	ANGLE	42-ft	ANGLE	51-ft
5	70.9	52,000								
8	59.6	35,000	68.6	31,000						
10	51.4	30,300	63.2	27,200	71.2	24,000	75.6	23,000	78.3	21,000
12	42	26,000	57.5	23,300	67.4	21,000	72.7	20,000	75.9	18,900
14	30.2	22,100	51.3	21,000	63.5	18,700	69.7	17,600	73.5	16,200
16			44.5	18,800	59.4	17,000	66.7	15,700	71.1	14,800
18			36.9	17,000	55.1	15,500	63.6	14,000	69.2	13,000
20			27.4	15,000	51.6	15,500	61.2	13,000	66.7	12,650
25					38.9	11,000	52.8	10,600	60.2	10,300
30					20.3	8,600	43.3	8,700	53.3	8,600
35							31.6	7,000	45.8	7,300
40							12.2	5,000	37	6,100
45									25.8	4,600
	0	10,000	0	6,150	0	3,800	0	3,500	0	2,800

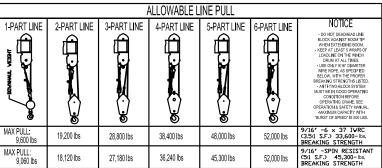


Email: sales@elliottequip.com



RANGE CHART - MAIN BOOM, FULL-SPAN OUTRIGGERS





DEDUCTIONS FROM RATED LOADS FOR HANDLING DEVICES SUPPLIED BY ELLIOTT EQUIPMENT CO,
OVERHAUL BALL ------SEE OVERHAUL BALL MFGR. NAMEPLATE
LOAD BLOCK -------SEE BLOCK MFGR. NAMEPLATE
SWING AROUND JIB ------SEE LOAD RATING CHART



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Omaha, NE 68127

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CHASSIS SPECIFICATIONS

	2651TM BoomTruck
Wheelbase (WB)	256" / 650 cm
Cab to Tandem (CT)	192" / 488 cm
Cab to End of Frame (EOF)	390" / 792 cm
Frame Section Modulus	15.9 in3-110,000 psi / 758,428 kPa
Front Axle Gross Weight Rating	20,000 lb / 9071 kg
Rear Axle Gross Weight Rating	40,000 lb / 18 143 kg
Integral Front Frame Rails	Required for Front Stabilizer

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% stbility requirements.

OPTIONS



Radio Remote Control

Interference protected radio remotes let you get closer to your work and have full control over your machine. Includes battery charging feature and optional LMI screen.



Superlink Short Jack Outriggers

Reduce your outrigger spread with Elliott's patented Superlink outriggers that allow straight down outrigger deployment on one side and unrestricted lifting on the other.



Continuous Boom Rotation

Add the convenience of 360 degree area of operation by adding a front stabilizer and continuous rotation mechanism.



Hydraulic Oil Cooler

Add a bed-mounted hydraulic oil cooler to assist with high duty cycle job applications.



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 install a 2-3 part hook block or a 4 part-hook block to improve lifting capabilities. The block can be stored at the rear of the



Gravity Leveled Basket

Elliott's pin-on work platform pins onto the boom for easy installation and removal. Gravity leveling and mechanical rotation makes it a great accessory for any worksite.



Body Mounted Hose Reels and Circuits

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



Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127



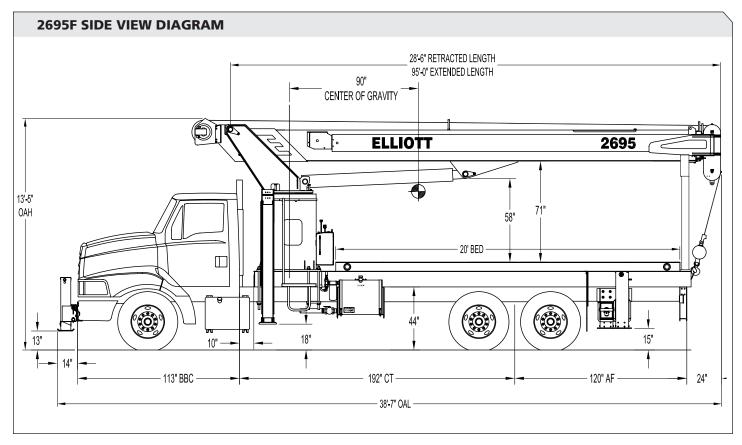
BoomTruck[™] 2695F

TECHNICAL SPECIFICATIONS









• Maximum Vertical Reach

152'/46,3 m

• Working Area 180 Degrees Standard (360 Optional)

Lifting Capacity

52,000 lbs/23 587 kg

Boom Length

95′/29 m

• Crane Weight (Dry)

24,920 lbs/11 303 kg

Jib Length

26', 26'-45'/ 8 m, 8-13,7 m

• Winch Bare Drum Pull

12,800 lbs/5806 kg

• Powered Boom Sections

13'5"/4,1 m

• Overall Height

Dual Operator Standup

Operator Controls

• Outrigger Type Front Outrigger Spread Front

20'10"/6,3 m

• Outrigger Type Rear

Out-Down

A-Frame

Outrigger Spread Rear

18'2"/5,5 m



Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127

TECHNICAL SPECIFICATIONS

Crane Capacity: 52,000 lbs at 5' load radius.

Maximum Tip Height: 107' height (152' with optional 45' jib)

Control Console: Dual operator standup control stations equipped with four single axis control levers for the main crane controls. Operator station includes LMI display, 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. Outrigger lever controls at control consoles.

Boom: Four-section fully proportional, high strength steel plated rectangular tube sections. A maximum boom tip height of 107' 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 425' of 9/16" diameter rotation resistant wire rope with a single line pull of 9,060 pounds, 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 warning and shut-off functions to limit hook-boom point contact.

Outriggers: One sets of "A" Frame main outriggers with 20'10" span, and one set of out and down underslung auxiliary outriggers with 18'2" span.

Frame: Full length, all welded rigid 4-plate design sub-frame. Sub-frame allows for bolt-on addition of 20' bed.

Turret: Reverse offset turret is onepiece weldment. Turret rotates on large diameter ball bearing.

Rotation: Hydraulic motor drives turret through double reduction planetary swing drive for 372-degree noncontinuous rotation. The swing drive system has a spring applied, pressure release 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 cable-shift PTO, gear 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 open center type.

Oil Tank Capacity: 120 gallon mounted to truck frame on roadside.

Cab Equipment: PTO cable 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 24,920 lbs. with 20' steel-floor bed less truck.

Truck Chassis Required: Approx. 192" C.A. RBM 1,749,000 in-lb. per rail, 20,000 lb. front axle and 40,000 lb. GVWR required. Trucks must have front frame extension, 12V electrical system with high capacity alternator, cab clearance stop/tail/backup lights, and I.D. lamps. Recommended GVWR is minimum for BOOMTRUCK with flatbed only. Contact factory when additional equipment is to be added.

Options:

26'-45' Telescopic Pin-on Jib.

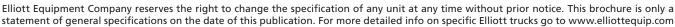
Radio Remote Controls.

Superlink Shortjack Outriggers.

Gravity Leveled Steel Work Platform.

Front Jack for 360 Degree Area of Operation.

Hydraulic Tool Circuits on Bed. Much More...





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Built for You.

LOAD CHART - MAIN BOOM, FULL-SPAN OUTRIGGERS

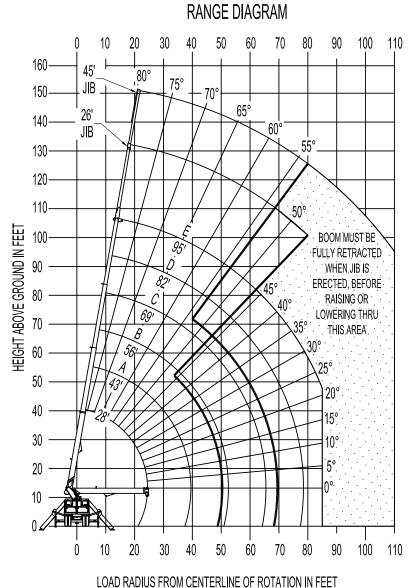
RADUIS IN FEET	RADIUS BOOM BO														JIB LOAD RATINGS WITH FULLY EXTENDED OUTRIGGERS								
IN FEET	111015		BOOM	Α		В		С		О		Е				XIE							
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10	67	35,100		30,500		24,000							IN FEET	ANGLE 77	5,550	IN FEET	ANGLE 77	5,300	IN FEET	79	3,000		
	62.5	30,400	73.5	26,300	78	21,000							30	74.5	4,750	30	74.5	4,500	30	77	2,800		
14	57	26,500	70.5	23,200	75.5	18,700	79	19,000					35	72	4,250	35	72	4,000	35	74.5	2,550		
16		22,600		20,500	73.5	15,300	77.5	17,000	80	14,500			40	69.5	3,750	40	69.5	3,500	40	72.5	2,300		
20	39	18,300	61	18,000	69	12,400	74	13,900	77	12,500	79	10,200	45	66.5	3,150	45	66.5	2,900	45	70.5	2,050		
	11.5	13,000	52.5	13,700	63	10,400	69.5	11,100	73.5	10,500	76.5	9,100	50	64	2,700	50	64	2,450	50	68	1,900		
30				10,700	57.5	8,800	65	9,650	70	9,000	73.5	8,100	55	61.5	2,150	55	61.5	1,900	55	66	1,650		
35			31	8,700	50.5	7,250	60	8,250	66	7,550	70	7,050	60	58.5	1,900	60	58.5	1,550	60	63.5	1,400		
40					43	6,050	55	7,150	62	6,650	66.5	6,150	65	55.5	1,600	65	55.5	1,350	65	61.5	1,100		
45					34	4,900	49.5	6,000	57.5	5,700	63	5,350	70	52.5	1,400	70	52.5	1,150	70	59	1,000		
50					21	3,750	43	4,950	53	4,700	59.5	4,650	_		1,050	75	49.5	800	75	56.5	800		
55							35.5	4,100	48	4,050	56	4,050	80	80 46 850 80 46 600 80				80	54	600			
60							26.5	3,350	43	3,400	51.5	3,450				NO	TICE						
65							11	2,650	37	2,850	47.5	2,850	- DO NOT DEADHEAD LINE BLOCK AGAINST BOOM TIP WHEN EXTENDING BOOM.						воом				
70									30	2,350	42.5	2,350			- KEE	AT LEAS	ST 5 WRA	PS OF LOA	F LOADLINE ON THE				
75									20.5	1,950	37.5	1,950		WINCH DRUM AT ALL TIMES. - USE ONLY 9/16" DIAMETER WIRE ROPE, AS SPECIFIED BELOW, WITH THE PROPER BREAKING									
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STOWED	J i B (lbs)	600		400		300		250		200		200	DEDUC	CTIONS FOR	STOWED FIXED	LENGTH JI	B (lbs)						
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MAX PL	JLL: 9,0	060 lbs	18,1	20 lbs	27,	180 lbs	36	6,240 lbs	; 4	15,300 lb	s	52,000	lbs		' -SPIN 10- lbs . I								

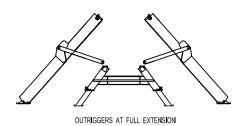


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Omaha, NE 68127 Email: sales@elliottequip.com



RANGE CHART - MAIN BOOM + JIB, FULL-SPAN OUTRIGGERS

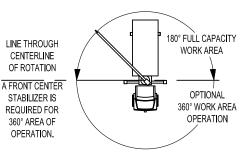




NOTE:

- 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 ANGLE. DO NOT EXCEED ANY RATED JIB CAPACITITES AT REDUCED BOOM LENGTHS.
- 3. CAPACITIES DO NOT EXCEED 85% STABILITY.
- 4. PERSONNEL HANDLING IS ALLOWED ONLY WITH FULL SPAN OUTRIGGERS.
- 5, LOAD RATINGS ABOVE BOLD LINE ARE STRUCTURALLY LIMITED.
- 6. BOOM LOAD RATINGS ARE BASED ON LOADED BOOM RADIUS.
- 7. LOADED BOOM ANGLES ARE GIVEN AS A REFERENCE ONLY.

AREA OF OPERATION





CHASSIS SPECIFICATIONS

	2695F BoomTruck
Wheelbase (WB)	256" / 650 cm
Cab to Axle (CA)	192" / 488 cm
Cab to End of Frame (EOF)	316" / 803 cm
Frame Section Modulus	15.9 in3-110,000 psi / 758,428 kPa
Front Axle Gross Weight Rating	20,000 lb / 9072 kg
Rear Axle Gross Weight Rating	40,000 lb / 18 144 kg
Integral Front Frame Rails	Required for Front Stabilizer

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% stbility requirements.

OPTIONS



Radio Remote Control

Interference protected radio remotes let you get closer to your work and have full control over your machine. Includes battery charging feature and optional LMI screen.



Pin-On Jib Attachments

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



Continuous Boom Rotation

Add the convenience of 360 degree continuous rotation by adding a special boom rotation system for rotating without stops.



Digger / Auger Attachment

Dig faster and deeper with Elliott's auger attachment, offering 41' of digging range and a hydraulically powered auger that stows on the boom.



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 install a 2-3 part hook block or a 4 part-hook block to improve lifting capabilities. The block can be stored at the rear of the



Gravity Leveled Basket

Elliott's pin-on work platform pins onto the boom for easy installation and removal. Gravity leveling and mechanical rotation makes it a great accessory for any worksite.



Body Mounted Hose Reels and Circuits

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



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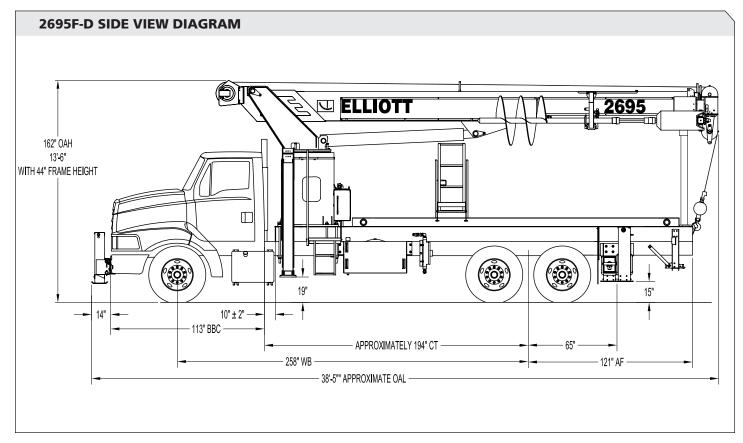
BoomTruck[™] 2695F-D

TECHNICAL SPECIFICATIONS









• Maximum Vertical Reach

152'/46,3 m

• Working Area 180 Degrees Standard (360 Optional)

 Lifting Capacity 50,060 lbs/22 707 kg

95′/29 m Boom Length

• Crane Weight (Standard) 29,785 lbs/13 510 kg

 Jib Lengths 26', 26-45'/ 8-14 m

• Winch Bare Drum Pull 12,800 lbs/5806 kg

 Hydraulic Digger Radius 41'/12,5 m • Powered Boom Sections

13'6"/4,1 m

Operator Controls

Dual Operator Standup

Outrigger Type Front

• Overall Height

A-Frame

• Outrigger Type Rear

20'10"/6,3 m Out-Down

Outrigger Spread Rear

Outrigger Spread Front

18'2"/5,5 m



Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127



TECHNICAL SPECIFICATIONS

Crane Capacity: 50,060 lbs at 5' load radius.

Maximum Tip Height: 107' height (152' with optional 45' jib)

Control Console: Dual operator standup control stations equipped with four single axis control levers for the main crane controls. Operator station includes LMI display, 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. Outrigger lever controls at control consoles.

Boom: Four-section fully proportional, high strength steel plated rectangular tube sections. A maximum boom tip height of 107' 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 425' of 9/16" diameter rotation resistant wire rope with a single line pull of 9,060 pounds, and a downhaul ball with swivel hook for single part line.

Auger System: 20,000 lb. automatic two-speed auger with 2 5/8" hex drive mounted at end of boom. Auger equipped with a 2 5/8" Kelly bar (auger extension bar) able to accept 24", 36", or 48" flightings. Auger and flighting to be stowed on side of boom from controls operated at main control station. Up to a 36" flighting to be stowed during transport. The auger provides a 41' digging radius. Auger will be provided with alternate radio remote control

system with integral LMI display in radio transmitter.

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 warning and shut-off functions to limit hook-boom point contact.

Outriggers: One sets of "A" Frame main outriggers with 20'10" span, and one set of out and down underslung auxiliary outriggers with 18'2" span.

Frame: Full length, all welded rigid 4-plate design sub-frame. Sub-frame allows for bolt-on addition of 20' bed.

Turret: Reverse offset turret is onepiece weldment. Turret rotates on large diameter ball bearing.

Rotation: Hydraulic motor drives turret through double reduction planetary swing drive for 372-degree noncontinuous rotation. The swing drive system has a spring applied, pressure release 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 cable-shift PTO, gear 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 open center type.

Oil Tank Capacity: 120 gallon mounted to truck frame on roadside.

Cab Equipment: PTO cable 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 29,785 lbs. with 22' steel-floor bed less truck.

Truck Chassis Required: Approx. 192" C.A. RBM 1,749,000 in-lb. per rail, 20,000 lb. front axle and 40,000 lb. GVWR required. Trucks must have front frame extension, 12V electrical system with high capacity alternator, cab clearance stop/tail/backup lights, and I.D. lamps. Recommended GVWR is minimum for BOOMTRUCK with flatbed only. Contact factory when additional equipment is to be added.

Options:

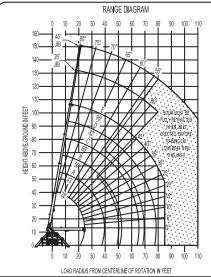
26'-45' Telescopic Pin-on Jib. Superlink Shortjack Outriggers. Gravity Leveled Steel Work Platform. Much More...

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



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LOAD AND RANGE CHART - MAIN BOOM + JIB & DIGGER, FULL-SPAN OUTRIGGERS





		ŀ	ALLOWABLE L	INE PULL		
PART LINE	2-PART LINE	3-PART LINE	4-PART LINE	5-PART LINE	6-PART LINE	NOTICE - DO NOT DEADHEAD LINE BLOCK AGAINST BOOM TIP WHEN EXTENDING BOOM. KEEP AT LEAST SWIPAGS OF LOADLINE ON THE WINCH USED ON THE WINCH BEAUTH OF THE WINCH MAN THE WINCH
MAX PULL: 9,600 lbs	19,200 l bs	28,800 l bs	38,400 lbs	48,000 lbs	52,000 lbs	9/16" -6 × 37 IWRC (3.5:1 S.F.) 33,600-lbs BREAKING STRENGTH
MAX PULL: 9,060 lbs	18,120 l bs	27,180 lbs	36,240 lbs	45,300 lbs	52,000 l bs	9/16' -SPIN RESISTANT (5:1 S.F.) 45,300-lbs BREAKING STRENGTH

DEDUCTIONS FROM RATED LOADS FOR HANDLING DEVICES SUPPLIED BY ELLIOTT EQUIPMENT CO,

OVERHAUL BALL - - - - - - - - - - - - - - SEE OVERHAUL BALL MFGR. NAMEPLATE LOAD BLOCK - - - - - - - - - - - - - - - SEE BLOCK MFGR. NAMEPLATE

	BOOM LOAD RATINGS																				
				В	DOM L	_OAD F	RATIN	GS			,	JIB LC)AD RA	ATINGS)						
		LOAD	RATINGS	IN LBS. WITH	OUTRIGGE	RS FULLY EX	TENDED HO	RIZONTALLY	AND VERT	ICALLY					LOAD RATINGS	IN lbs WITH	OUTRIGGERS	AND STABILIZI	ERS EXTEND	DED	
LOAD RADU I S	LOADED BOOM		LOADED BOOM	Α	LOADED BOOM	В	LOADED BOOM	С	LOADED BOOM	D	LOADED BOOM	Е		6-ft FIX			26'-4	5' TWO	SECT	ION JIE	3
IN FEET	ANGLE	28-FT.	ANGLE	43-FT.	ANGLE	56-FT.	ANGLE	69-FT.	ANGLE	82-FT.	ANGLE	95-FT.	LE	NGTH	JIB	RI	ETRACTED 2	6' JIB	E	XTENDED 4	5' JIB
5	78.5	50,060											LOAD	LOADED BOOM	26-ft	LOAD RADU I S	LOADED BOOM	26-ft	LOAD RADU I S	LOADED BOOM	45-ft
8	72	40,200	79	29,750									RADU I S IN FEET	ANGLE	JIB	IN FEET	ANGLE	JIB	IN FEET	ANGLE	JIB
10	67	33,700	76	29,550	80	23,300							25	77	5,550	25	77	5,300	25	79	3,000
12	62.5	29,000	73.5	25,350	78	20,300							30	74.5	4,750	30	74.5	4,500	30	77	2,800
14	57	25,400	70.5	22,250	75.5	18,000	79	18,400					35	72	4,250	35	72	4,000	35	74.5	2,550
16	51.5	21,200	67.5	19,550	73.5	14,600	77.5	16,400	80	14,000			40	69.5	3,750	40	69.5	3,500	40	72.5	2,300
20	39	16,900	61	17,050	69	13,700	74	13,300	77	12,000	79	9,750	45	66.5	3,150	45	66.5	2,900	45	70.5	2,050
25	11.5	11,600	52.5	12,750	63	9,700	69.5	10,500	73.5	10,000	76.5	8,650	50	64	2,700	50	64	2,450	50	68	1,900
30			42.5	9,750	57.5	8,100	65	9,050	70	8,500	73.5	7,650	55	61.5	2,150	55	61.5	1,900	55	66	1,650
35			31	7,750	50.5	6,550	60	7,650	66	7,050	70	6,600	60	58.5	1,900	60	58.5	1,550	60	63.5	1,400
40					43	5,350	55	6,550	62	6,150	66.5	5,700	65	55.5	1,600	65	55.5	1,350	65	61.5	1,100
45					34	4,200	49.5	5,400	57.5	5,200	63	4,900	70	52.5	1,400	70	52.5	1,150	70	59	1,000
50					21	3,050	43	4,350	53	4,200	59.5	4,250	75	49.5	1,050	75	49.5	800	75	56.5	800
55							35.5	3,500	48	3,550	56	3,600	80	46	850	80	46	600	80	54	600
60							26.5	2,750	43	2,900	51.5	3,000	AREA	OF OPER	ATION						
65							11	2,050	37	2,350	47.5	2,450	ANLA	OI OI LIV				- 18	0° FULL CA	PACITY	
70									30	1,850	42.5	1,900			CENTERLIN	Ē /			WORK AF	REA	
75									20.5	1,450	37.5	1,500	OF POTATION /								
80											31.5	1,100									
85											24	500	500 360° AREA OF OPERATION								
	0	6,000	0	3,000	0	1,000	0	500					OPERATION.								

600 NOTE: 1. CAPACITIES DO NOT EXCEED 118% STABILITY.

900

600

400

2. PERSONNEL HANDLING IS ALLOWED ONLY WITH FULL SPAN OUTRIGGERS.

350

250

3. LOAD RATINGS ABOVE BOLD LINE ARE STRUCTURALLY LIMITED.

DEDUCTIONS FOR STOWED EXTENDABLE JIB (lbs)

DEDUCTIONS FOR STOWED FIXED LENGTH JIB (lbs)

4 BOOM LOAD RATINGS ARE BASED ON LOADED BOOM RADIUS

200

300

200

5. LOADED BOOM ANGLES ARE GIVEN AS A REFERENCE ONLY.

CRANE MEETS ASME B30.5 REQUIREMENTS AT TIME OF MANUFACTURE.

450

300

DO NOT PAINT OVER ANY LABELS 1161550 012010



DEDUCTIONS FOR STOWED JIB (lbs)

> Elliott Equipment Company Phone: 402-592-4500 4427 South 76th Circle Omaha, NE 68127

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



DIGGING RANGE AND LOAD DIAGRAM (DATA ON FOLLOWING PAGE) S7 **S6** S5 -R5 S4 -R4 **S**3 **-R**3 **S**2 **-**R2 **S1** R1 °¢8 D₁ **H**1 -D2-H2-**H**3-



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Omaha, NE 68127



DIGGING RANGE AND LOAD DATA (REFERENCE PREVIOUS PAGE)

CAPACITIES & DIMENSIONAL DATA

MODEL	30105F-D	3095F-D	26105F-D	2695F-D
MAX CAPACITY	60,000 LB	60,000 LB	52,000 LB	52,000 LB
CAPACITY @ 10 FT RADIUS	30,650 LB	35,600 LB	29,650 LB	33,700 LB
SHEAVE HEIGHT				
S1	43 FT	40 FT	44 FT	41 FT
S2	58 FT	56 FT	59 FT	55 FT
S3	70 FT	67 FT	71 FT	68 FT
S4	82 FT	80 FT	83 FT	81 FT
S 5	93 FT	93 FT	94 FT	94 FT
S6	105 FT	105 FT	106 FT	106 FT
S7	115 FT		116 FT	
LOAD RADIUS				
R1	31 FT	28 FT	31 FT	28 FT
R2	46 FT	43 FT	46 FT	43 FT
R3	58 FT	56 FT	58 FT	56 FT
R4	70 FT	69 FT	70 FT	69 FT
R5	82 FT	82 FT	82 FT	82 FT
R6	94 FT	95 FT	94 FT	95 FT
R7	105 FT		105 FT	
HORIZONTAL REACH				
H1	31 FT	28.5 FT	31 FT	28.5 FT
H2	48.5 FT	46 FT	48.5 FT	46 FT
H3	105 FT	95 FT	105 FT	95 FT
DIGGING RADIUS				
D1	27 FT	24.5 FT	27 FT	24.5 FT
D2	44 FT	41 FT	44 FT	41 FT



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TRUCK CHASSIS SPECIFICATIONS

	2695F-D BoomTruck
Wheelbase (WB)	268" / 681 cm
Cab to Tandem (CT)	192" / 487 cm
Cab to End of Frame (EOF)	312" / 792 cm
Frame Section Modulus	30.0 in3-110,000 psi
Front Axle Gross Weight Rating	20,000 lb / 9071 kg
Rear Axle Gross Weight Rating	40,000 lb / 18 143 kg
Integral Front Frame Rails	Required for Front Stabilizer

Chassis data is minimum general requirements-not for engineering.

Actual dimensions and truck data will depend on truck selection and axle configuration.

OPTIONS



Hydraulic Pole Claw

Combine Elliott's digger system with a hydraulic pole claw to dig holes and place poles with a single machine.



Pin-On Jib Attachments

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



Continuous Boom Rotation

Add the convenience of 360 degree continuous rotation by adding a special boom rotation system for rotation without stops.



Digger / Auger Flightings

Dig faster and deeper with Elliott's selection of auger flightings up to 48" in diameter that provide an industry-leading 41' digging radius and more power out of the hole.



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 install a 2-3 part hook block or a 4 part-hook block to improve lifting capabilities. The block can be stored at the rear of the bed



Gravity Leveled Basket

Elliott's pin-on work platform pins onto the boom for easy installation and removal. Gravity leveling and mechanical rotation makes it a great accessory for any worksite.



Body Mounted Hose Reels and Circuits

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



Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127



^{*}Minimum chassis weight is required to meet 85% stbility requirements.

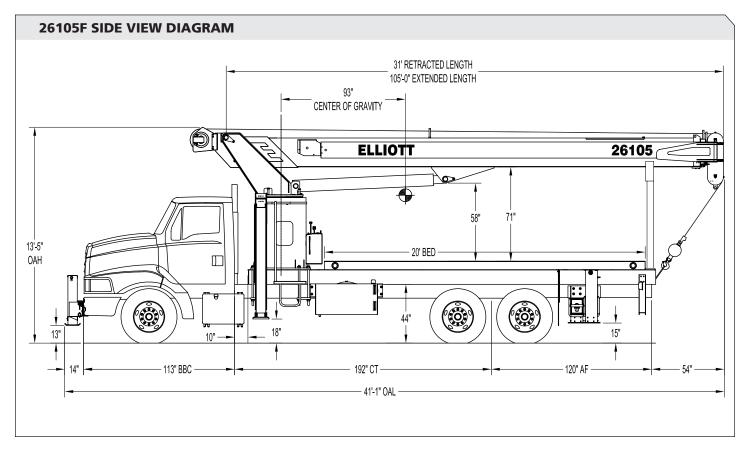
BoomTruck[™] 26105F

TECHNICAL SPECIFICATIONS









• Maximum Vertical Reach

162'/49,4 m

• Working Area 180 Degrees Standard (360 Optional)

Lifting Capacity

52,000 lbs/23 587 kg

Boom Length

105′/32 m

• Crane Weight (Dry)

26,040 lbs/11 811 kg

Jib Length

26', 26'-45'/ 8 m, 8-13,7 m

• Winch Bare Drum Pull

12,800 lbs/5806 kg

• Powered Boom Sections

13'5"/4,1 m

• Overall Height

• Operator Controls Dual Operator Standup Controls

• Outrigger Type Front

A-Frame

• Outrigger Type Rear

20'10"/6,3 m Out-Down

Outrigger Spread Front

Outrigger Spread Rear

18'2"/5,5 m



Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127

TECHNICAL SPECIFICATIONS

Crane Capacity: 52,000 lbs at 5' load radius.

Maximum Tip Height: 117' height (162' with optional 45' jib)

Control Console: Rotating turret dual operator standup control station equipped with four single axis control levers for the main crane controls. Operator station includes LMI display, bubble level gauge, engine start/stop switch, signal horn button, variable foot throttle, lifting capacity chart, range diagram chart, boom angle indicator, system pressure gauge, 12V DC power source, and cup holder. Outrigger lever controls at control consoles.

Boom: Four-section fully proportional, high strength steel plated rectangular tube sections. A maximum boom tip height of 117' 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 425' of 9/16" diameter rotation resistant wire rope with a single line pull of 9,060 pounds, 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 warning and shut-off functions to limit hook-boom point contact.

Outriggers: One sets of "A" Frame mian outriggers with 20'10" span, and one set of out and down overframe rear outriggers with 18'2" span.

Frame: Full length, all welded rigid 4-plate design sub-frame. Sub-frame allows for bolt-on addition of 20' bed.

Turret: Reverse offset turret is onepiece weldment. Turret rotates on large diameter ball bearing.

Rotation: Hydraulic motor drives turret through double reduction planetary swing drive for 372-degree noncontinuous rotation. The swing drive system has a spring applied, pressure release 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 cable-shift PTO, three-section gear 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 open center type.

Oil Tank Capacity: 120 gallon mounted to truck frame on roadside.

Cab Equipment: PTO switch 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 26,040 lbs. with 20' steel-floor bed less truck.

Truck Chassis Required: Approx. 192" C.T. RBM 1,749,000 in-lb. per rail, 20,000 lb. front axle and 60,000 lb. GVWR required. Trucks must have front frame extension, 12V electrical system with high capacity alternator, cab clearance stop/tail/backup lights, and I.D. lamps. Recommended GVWR is minimum for BoomTruck with flatbed only. Contact factory when additional equipment is to be added.

Options:

26'-45' Telescopic Pin-On Jib.

Radio Remote Controls.

Superlink Short Jack Outriggers.

2 Person Gravity Leveled Steel Basket.

Front Jack for 360 Degree Crane Operation.

Rotation Resistant Wire Rope. Hydraulic Tool Circuits on Bed. Much More...

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LOAD CHART - MAIN BOOM, FULL-SPAN OUTRIGGERS

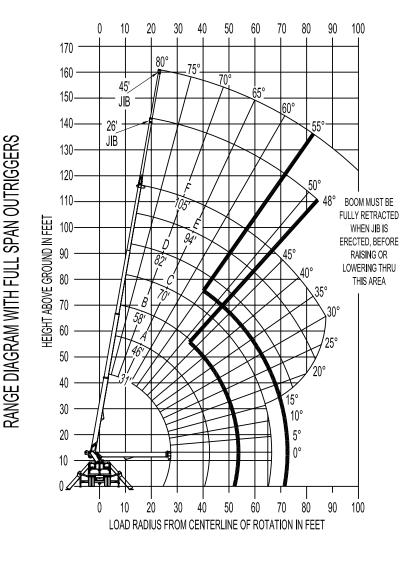
	MAIN BOOM LOAD RATINGS WITH FULLY EXTENDED OUTRIGGERS LOAD LOADED LOADED A LOADED B LOADED C LOADED D LOADED F BOOM BOOM BOOM SOOM BOOM BOOM BOOM BOOM																				S WIT				
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6	78	44,000														LOAD			LOAD	TRACTED 2	6 ^{г ЛВ} 26-ft	LOADED	45-ft		
8	74	36,600		30,000												RADUIS IN FEET	BOOM ANGLE	26-ft JIB	RADUIS IN FEET	BOOM ANGLE	JIB	BOOM ANGLE	JIB		
10	70	31,000	77	27,000	80	20,000										30		4,400	30	78.5	4,150	711022	010		
12	66	26,500		24,900	78	19,800	70.5	40.500						-		35	_	4,000	35	76	3,750	77	2,350		
14	61.5 57	20,500 18,500	72 69	21,800 19,500	76 74	17,700 16,000	79.5 77.5	18,500 16,000								40	 	3,600	40	74	3,350	75.5	2,200		
18	52	15,900	66	15,800	72	14,400	76	14,800	78.5	13,700						45		3,100	45	71.5	2,850	74	2,100		
20	47	14,300	63	12,800	69.5	11,500	74	13,400	77	12,500	79.5	11,500				50		2,700	50	69	2,450	72	1,950		
25	30.5	10,300		11,000	64.5	9,500	69.5	10,900			76	9,750	78.5	5 8,400		55	_	2,300	55	66.5	2,050	70	1,750		
30			47.5	9,300	58.5	7,950	65.5	9,000	70	8,500	72.5	8,050	75.5			60		2,000	60	64	1,750	68	1,600		
35			37.5	8,500	52.5	6,700	60.5	7,500	66	7,050	70	6,650	72.5			65	62	1,700	65	61.5	1,450	66	1,400		
40															70	59	1,500	70	59	1,250	64	1,250			
45 50					26.5	3,850	44	4,600	57.5	4,400	59	4,700				75	56.5	1,300	75 80	56 53.5	1,050 850	61.5 59.5	1,050 850		
55					20.5	3,030	37	3,800	48.5	3,800		3,800	60		1010 1,100								750		
60							28.5	2,700	43	3,250		3,300		-,									650		
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70									30	2,150	42.5	2,250	49.5	1	NOTICE										
75									20.5	1,800	37	1,900	45.5								T DEADHE	AD LINE B	LOCK AGAINST		
80											30.5	1,000	41	1,450 1,150				BOOM TIP WHEN EXTENDING BOOM KEEP AT LEAST 5 WRAPS OF LOADLINE							
85 90	-										23	600	36 30.5										ALL TIMES. R WIRE ROPE,		
90													00.0	000			THE PROPER S LISTED.								
	0	5,500	0	2,900	0	1,100	0	500												- ANTI	-TWO-BLOO	K SYSTE	M MUST BE IN TION BEFORE		
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STOWED) JIR (IDS)	550		350		300		250		200		150		150	DE	DUCTIONS	S FOR STOW	ED FIXED LEI	NGTH JIB (lb	s)	JAI L	I I WAINOA	٦L.		
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]				ري\	/		Т	HREE	SHEAV	/E BLC)CK	87	0 lbs						
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MAX PULL: 9,060 lbs 18,120 lbs 27,180 lbs 36,240 lbs 45								45,3	300 lbs		52,000	lbs		6" -SPIN I EAKING S			.F.) 45,3	00- l bs.							
\subset	CONTRESETS ASSESSED AT THE CF HAMEACURE																DO NOT PAINT	OVER ANY LABELS 1	113570 071206						



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RANGE CHART - MAIN BOOM + JIB , FULL-SPAN OUTRIGGERS

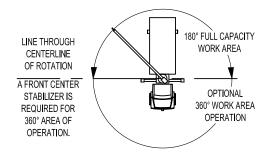




NOTE:

- 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 ANGLE. DO NOT EXCEED ANY RATED JIB CAPACITITES AT REDUCED BOOM LENGTHS.
- 3. CAPACITIES DO NOT EXCEED 85% STABILITY.
- 4. PERSONNEL HANDLING IS ALLOWED ONLY WITH FULL SPAN OUTRIGGERS
- 5. LOAD RATINGS ABOVE BOLD LINE ARE STRUCTURALLY LIMITED.
- 6. BOOM LOAD RATINGS ARE BASED ON LOADED BOOM RADIUS.
- 7. LOADED BOOM ANGLES ARE GIVEN AS A REFERENCE ONLY.

AREA OF OPERATION





Elliott Equipment Company F 4427 South 76th Circle F Omaha, NE 68127 E



CHASSIS SPECIFICATIONS

	26105F BoomTruck
Wheelbase (WB)	256" / 650 cm
Cab to Tandem (CT)	192" / 488 cm
Cab to End of Frame (EOF)	312" / 792 cm
Frame Section Modulus	30.0 in3-110,000 psi / 492 cm3-758,428 kPa
Front Axle Gross Weight Rating	20,000 lb / 9072 kg
Rear Axle Gross Weight Rating	40,000 lb / 18144 kg
Integral Front Frame Rails	Required for Front Stabilizer

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% stbility requirements.

OPTIONS



Radio Remote Control

Interference protected radio remotes let you get closer to your work and have full control over your machine. Includes battery charging feature and optional LMI screen.



Pin-On Jib Attachments

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



Continuous Boom Rotation

Add the convenience of 360 degree continuous rotation by adding a special boom rotation system for rotation without stops.



Digger / Auger Attachment

Dig faster and deeper with Elliott's auger attachment, offering 44' of digging range and a hydraulically powered auger that stows on the boom.



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 install a 2-3 part hook block or a 4 part-hook block to improve lifting capabilities. The block can be stored at the rear of the



Gravity Leveled Basket

Elliott's pin-on work platform pins onto the boom for easy installation and removal. Gravity leveling and mechanical rotation makes it a great accessory for any worksite.



Body Mounted Hose Reels and Circuits

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



Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127



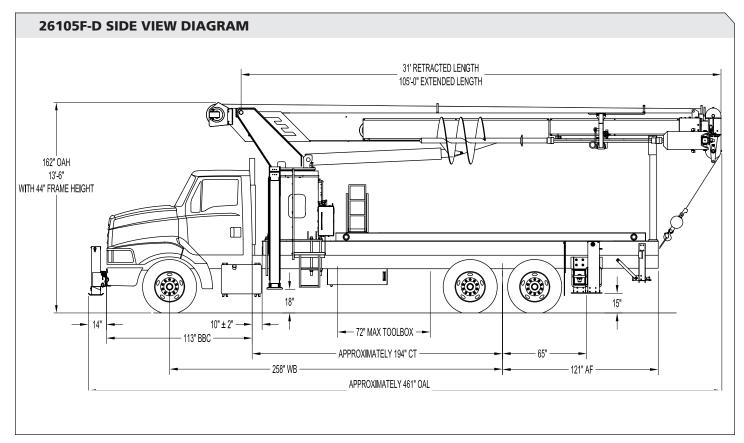
BoomTruck 26105F-D

TECHNICAL SPECIFICATIONS









• Maximum Vertical Reach 162'/49,3 m

• Working Area 180 Degrees Standard (360 Optional)

 Lifting Capacity 52,000 lbs/23 587 kg

• Crane Weight (Standard) 29,785 lbs/13 510 kg

 Jib Lengths 26', 26-45'/ 8-13,7 m

• Winch Bare Drum Pull 12,800 lbs/5806 kg

 Hydraulic Digger Radius 44'/13,4 m • Powered Boom Sections

• Overall Height 13'6"/4,1 m

 Operator Controls **Dual Operator Standup**

 Outrigger Type Front A-Frame

 Outrigger Spread Front 20'10"/6,3 m

• Outrigger Type Rear Out-Down

 Outrigger Spread Rear 18'2"/5,5 m



Boom Length

Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127

Phone: 402-592-4500 Fax: 402-592-4553 Email: sales@elliottequip.com

105′/32 m



TECHNICAL SPECIFICATIONS

Crane Capacity: 52,000 lbs at 5' load radius.

Maximum Tip Height: 117' height (162' with optional 45' jib)

Control Console: Dual operator standup control stations equipped with four single axis control levers for the main crane controls. Operator station includes LMI display, 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. Outrigger lever controls at control consoles.

Boom: Four-section fully proportional, high strength steel plated rectangular tube sections. A maximum boom tip height of 117' 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 425' of 9/16" diameter rotation resistant wire rope with a single line pull of 9,060 pounds, and a downhaul ball with swivel hook for single part line.

Auger System: 20,000 lb. automatic two-speed auger with 2 5/8" hex drive mounted at end of boom. Auger equipped with a 2 5/8" Kelly bar (auger extension bar) able to accept 24", 36", or 48" flightings. Auger and flighting to be stowed on side of boom from controls operated at main control station. Up to a 36" flighting to be stowed during transport. The auger provides a 44' digging radius. Auger will be provided with radio remote control system with

integral LMI display in radio transmitter.

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 warning and shut-off functions to limit hook-boom point contact.

Outriggers: One set of "A" Frame main outriggers with 20'10" span, and one set of out and down underslung auxiliary outriggers with 18'2" span.

Frame: Full length, all welded rigid 4-plate design sub-frame. Sub-frame allows for bolt-on addition of 20' bed.

Turret: Reverse offset turret is onepiece weldment. Turret rotates on large diameter ball bearing.

Rotation: Hydraulic motor drives turret through double reduction planetary swing drive for 372-degree noncontinuous rotation. The swing drive system has a spring applied, pressure release 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

cable-shift PTO, gear 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 open center type.

Oil Tank Capacity: 120 gallon mounted to truck frame on roadside.

Cab Equipment: 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 29,785 lbs. with 20' steel-floor bed less truck.

Truck Chassis Required: Approx. 192" C.T., RBM 1,749,000 in-lb. per rail, 20,000 lb. front axle and 40,000 lb. GVWR required. Trucks must have front frame extension, 12V electrical system with high capacity alternator, cab clearance stop/tail/backup lights, and I.D. lamps. Recommended GVWR is minimum for BoomTruck with flatbed only. Contact factory when additional equipment is to be added.

Options:

26'-45' Telescopic Pin-on Jib. Superlink Shortjack Outriggers. Gravity Leveled Steel Work Platform. Much More...

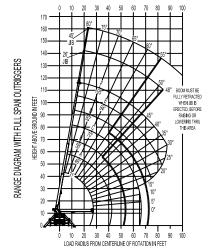
Elliott Equipment Company reserves the right to change the specification of any unit at any time without prior notice. This brochure is only a statement of general specifications on the date of this publication. For more detailed info on specific Elliott trucks go to www.elliottequip.com



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LOAD & RANGE CHART - MAIN BOOM + JIB, FULL-SPAN OUTRIGGERS



MODEL 2600 105-FT.BOOM

			ALLOWABLE L	INE PULL		
1-PART LINE	2-PART LINE	3-PART LINE	4-PART LINE	5-PART LINE	6-PART LINE	NOTICE - DO NOT DEADHEAD LINE BLOCK AGAINST BOOM TIP WHEN EXTENDING BOOM. KEEP AT LESST 5 WARPS OF LOAD LIKE ON THE WINCH USED ON 19 TO TRANSTER WIRE ROPE AS SPECIFED BELOW. WITH THE PROPER BREAUTH STRENGTHS LISTED. AMILTION-BLOCK SYSTEM
MOD COMMITTEE OF THE PARTY OF T		· ·			· •	MUST BE IN GOOD OPERATING CONDITION EFFORE OPERATING CRAME. SEE OPERATION & SAFETY MANUALMAXIMUM CAPACITY WITH BURST OF SPEED' IS 500 LBS.
MAX PULL: 9,600 lbs	19,200 lbs	28,800 lbs	38,400 lbs	48,000 lbs	52,000 lbs	9/16"-6 x 37 IWRC (3.5:1 S.F.) 33,600-lbs. BREAKING STRENGTH
MAX PULL: 9,060 lbs	18,120 lbs	27,180 lbs	36,240 lbs	45,300 lbs	52,000 lbs	9/16"-SPIN RESISTANT (5:1 S.F.) 45,300-lbs. BREAKING STRENGTH

DEDUCTIONS FROM RATED LOADS FOR HANDLING DEVICES SUPPLIED BY ELLIOTT EQUIPMENT CO, OVERHAUL BALL ------SEE OVERHAUL BALL MFGR. NAMEPLATE

			U 10 LOAD		OENTERLINE	OF ROTATION		100					LOAD		CKSEE BLOCK MFGR. NAMEPLATE							
						LOAD F												IIR I C)ΔD R	ATINGS		
LOAD	LOADED) RATINGS LOADED	•	OUTRIGGE	RS FULLY EX B	TENDED HO LOADED	RIZONTALLY	AND VERT LOADED	ICALLY D		Е	LOADED	F						AND STABILIZE		in .
RADUIS	BOOM	31-FT.	ROOM	A 46-FT.	BOOM ANGLE	I	BOOM	70-FT.	BOOM	82-FT.	LOADED BOOM ANGLE	١	воом	105-FT.	26.	ft FIXE		5' TWO				
IN FEET	80	52,000	ANGLE	40-F1.	ANGLE	Э0 - Г1.	ANGLE	70 - F1.	ANGLE	02-61.	ANGLE	94-F1.	ANGLE	105-F1.	LEN		ED 45' JIB					
6	78	44,000		-											LOAD	LOADED	6' JIB 26-ft	LOADED	45-ft			
8	74	36,600		30,000											RADUIS IN FEET	BOOM ANGLE	JIB	BOOM ANGLE	JIB			
10	70	31,000		27,000	80	20,000									30	78.5	JIB 4,400	4,150	7111022	OID		
12	66	26,500		24,900	78	19,800									35	76.5	4,000	78.5 76	3,750	77	2,350	
14	61.5	20,500	72	21,800	76	17,700	70.5	18,500							40	74	3,600	3,350	75.5	2,200		
16	57	18,500		19,500	74	16,000		16,000							45	72	3,100	2,850	74	2,100		
18	52	15,900		15,800	72	14,400		14,800	70.5	13,700					50	69.5	2,700	2,450	72	1,950		
20	47	14,300	63	12,800	69.5	11,500		13,400	77	12,500	79.5	11,500			55	67	2,700	2,050	70	1,750		
25	30.5	10,300	55.5	11,000	64.5	9,500		10,900	73.5		76	9,750	78.5	8,400	60	64.5	2,000	1,750	68	1,600		
30	30.3	10,500	47.5	9,300	58.5	7,950	65.5	9,000	70.3	8,500	72.5	8.050	_	7,600	65	62	1,700	65	64 61.5	1,450	66	1,400
35			37.5	8,500	52.5	6,700	60.5	7,500	66	7,050	70	6,650		6,200	70	59	1.500	70	59	1,250	64	1,250
40			23	6.300	45.5	5,600	55.5	6,300	62	5,800	66.5	5,600		5,300	75	56.5	1,300	75	56	1,050	61.5	1,050
45			20	0,300	37	4,000	50	5,300	57.5	5,000	63	4,700		4,550	80	53.5	1,100	80	53.5	850	59.5	850
50					26.5	3,850	44	4,600	53	4,400	59	4,700		3,900	85	50.5	900	85	50.5	650	57	750
55					20.0	0,000	37	3,800	48.5	3,800	55.5	3,800	_	3,450	90	47.5	700	90	33.5		55	650
60							28.5	2,700	43	3,250	51.5	3,300		3,000	<u> </u>			95			52	500
65							15.5	2,700	37	2,700	47	2,800		2,700								
70							10.0	2,100	30	2,700	42.5	2,250		2,700	AR	FA OF O	PERATION	<u> </u>				
75									20.5	1.800	37	1.900		1,850	AREA OF OPERATION							
80									20.0	1,000	30.5	1,000	-	1,450	LINE THROUGH CENTERLINE OF POTATION							REA \
85											23	600	36	1,150	A FRONT CENTER -							†
90												000	30.5	850	STABILIZER IS OPTIONAL							RK AREA
- 50															REQUIRED FOR 360° AREA OF OPERATION							

NOTE: 1. CAPACITIES DO NOT EXCEED 118% STABILITY.

850

550

2. PERSONNEL HANDLING IS ALLOWED ONLY WITH FULL SPAN OUTRIGGERS.

2,900

600

350

3. LOAD RATINGS ABOVE BOLD LINE ARE STRUCTURALLY LIMITED. 4. BOOM LOAD RATINGS ARE BASED ON LOADED BOOM RADIUS.

300

150

250

150

5. LOADED BOOM ANGLES ARE GIVEN AS A REFERENCE ONLY.

REQUIRED FOR 360° AREA OF OPERATION.

DEDUCTIONS FOR STOWED EXTENDABLE JIB (lbs)

DEDUCTIONS FOR STOWED FIXED LENGTH JIB (lbs)

CRANE MEETS ASME B30.5 REQUIREMENTS AT TIME OF MANUFACTURE

1,100

450

300

DO NOT PAINT OVER ANY LABELS 1113570 111308



DEDUCTIONS FOR

STOWED JIB (lbs)

Elliott Equipment Company Phone: 402-592-4500 4427 South 76th Circle Omaha, NE 68127

500

400

250

350

200

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



DIGGER RANGE CHART - FULL-SPAN OUTRIGGERS S7 **S6** S5 -R5 S4 -R4 **S**3 **-R**3 **S**2 **R**2 **S1** R1 °¢8 Ð1 **H**1 -D2-H2-**H**3-



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DIGGING RANGE DATA (REFERENCE PREVIOUS PAGE)

CAPACITIES & DIMENSIONAL DATA

MODEL	30105F-D	3095F-D	26105F-D	2695F-D
MAX CAPACITY	60,000 LB	60,000 LB	52,000 LB	52,000 LB
CAPACITY @ 10 FT RADIUS	30,650 LB	35,600 LB	29,650 LB	33,700 LB
SHEAVE HEIGHT				
S1	43 FT	40 FT	44 FT	41 FT
S2	58 FT	56 FT	59 FT	55 FT
S3	70 FT	67 FT	71 FT	68 FT
S4	82 FT	80 FT	83 FT	81 FT
S 5	93 FT	93 FT	94 FT	94 FT
S6	105 FT	105 FT	106 FT	106 FT
S7	115 FT		116 FT	
LOAD RADIUS				
R1	31 FT	28 FT	31 FT	28 FT
R2	46 FT	43 FT	46 FT	43 FT
R3	58 FT	56 FT	58 FT	56 FT
R4	70 FT	69 FT	70 FT	69 FT
R5	82 FT	82 FT	82 FT	82 FT
R6	94 FT	95 FT	94 FT	95 FT
R7	105 FT		105 FT	
HORIZONTAL REACH				
H1	31 FT	28.5 FT	31 FT	28.5 FT
H2	48.5 FT	46 FT	48.5 FT	46 FT
H3	105 FT	95 FT	105 FT	95 FT
DIGGING RADIUS				
D1	27 FT	24.5 FT	27 FT	24.5 FT
D2	44 FT	41 FT	44 FT	41 FT



Built for You.
www.elliottequip.com

TRUCK CHASSIS SPECIFICATIONS

	26105F-D BoomTruck
Wheelbase (WB)	268" / 681 cm
Cab to Tandem (CT)	192" / 487 cm
Cab to End of Frame (EOF)	312" / 792 cm
Frame Section Modulus	30.0 in3-110,000 psi
Front Axle Gross Weight Rating	20,000 lb / 9071 kg
Rear Axle Gross Weight Rating	40,000 lb / 18 143 kg
Integral Front Frame Rails	Required for Front Stabilizer

Chassis data is minimum general requirements-not for engineering.

Actual dimensions and truck data will depend on truck selection and axle configuration.

OPTIONS



Hydraulic Pole Claw

Combine Elliott's digger system with a hydraulic pole claw to dig holes and place poles with a single machine.



Pin-On Jib Attachments

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



Continuous Boom Rotation

Add the convenience of 360 degree continuous rotation by adding a special boom rotation system for swinging without stops.



Digger / Auger Flightings

Dig faster and deeper with Elliott's selection of auger flightings up to 48" in diameter that provide an industry-leading 44' digging radius and more power out of the hole.



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 install a 2-3 part hook block or a 4 part-hook block to improve lifting capabilities. The block can be stored at the rear of the



Gravity Leveled Basket

Elliott's pin-on work platform pins onto the boom for easy installation and removal. Gravity leveling and mechanical rotation makes it a great accessory for any worksite.



Body Mounted Hose Reels and Circuits

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



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^{*}Minimum chassis weight is required to meet 85% stbility requirements

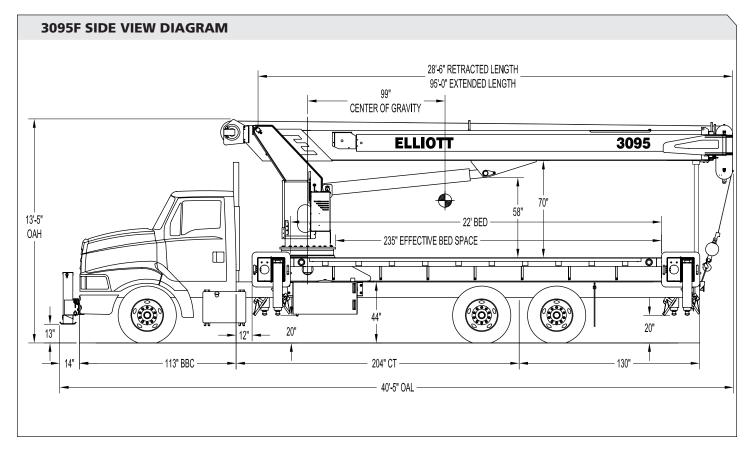
BoomTruck 3095F

TECHNICAL SPECIFICATIONS









• Maximum Vertical Reach 148'/45,1 m

• Working Area 180 Degrees Standard (360 Optional)

 Lifting Capacity 60,000 lbs/27 215 kg

 Boom Length 95'/29 m

• Crane Weight (Standard) 27,750 lbs/12 587 kg

 Jib Lengths 24'-41'/ 7,3-12,5 m

• Winch Bare Drum Pull 12,800 lbs/5806 kg • Powered Boom Sections

• Overall Height 13'5"/4,1 m

 Operator Controls **Rotating Standup**

• Outrigger Type Front Out-Down

 Outrigger Spread Front 20'/6 m

Out-Down • Outrigger Type Rear

• Outrigger Spread Rear 20'/6 m



Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127



TECHNICAL SPECIFICATIONS

Crane Capacity: 60,000 lbs at 5' load radius.

Maximum Tip Height: 107' height (148' with optional 41' jib)

Control Console: Rotating turret single operator standup control station equipped with four single axis control levers for the main crane controls. Operator station includes LMI display, 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: Four-section fully proportional, high strength steel plated rectangular tube sections. A maximum boom tip height of 107' 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 425' of 9/16" diameter rotation resistant wire rope with a single line pull of 9,060 pounds, 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 warning and shut-off functions to limit hook-boom point contact.

Outriggers: Two sets of out and down overframe outriggers with 20' span. Outriggers are configured for full span, mid span, or retracted operation. Outriggers equipped with ball socket aluminum removable pads that stow on vertical outrigger legs.

Frame: Full length, all welded rigid 4-plate design sub-frame. Sub-frame allows for bolt-on addition of 22' 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 onepiece weldment. Turret rotates on large diameter ball bearing.

Rotation: Hydraulic motor drives turret through double reduction planetary swing drive for 372-degree noncontinuous rotation. The swing drive system has a spring applied, pressure release 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 cable-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.

Oil Tank Capacity: 120 gallon mounted to truck frame on roadside.

Cab Equipment: PTO cable 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. Top of bed painted with black nonskid surface.

Bumper: Bureau of Motor Carrier Safety rear bumper.

Weight: Approximately 27,750 lbs. with 22' steel-floor bed less truck.

Truck Chassis Required: Approx. 204" C.T. RBM 3,300,000 in-lb. per rail, 20,000 lb. front axle and 40,000 lb. GVWR required. Trucks must have front frame extension, 12V electrical system with high capacity alternator, cab clearance stop/tail/backup lights, and I.D. lamps. Recommended GVWR is minimum for BoomTruck with flatbed only. Contact factory when additional equipment is to be added.

Options:

24' to 41' 2 Piece Telescopic Jib

Radio Remote Controls

Gravity-Leveled Steel Basket

Tool Box Configurations

Front Jack for 360 Degree Crane Operation

Much more...

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



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Omaha, NE 68127 Email: sales@elliottequip.com



LOAD CHART - MAIN BOOM, FULL-SPAN OUTRIGGERS



MODEL 3000 95-ft BOOM

MAIN BOOM LOAD RATINGS WITH FULLY EXTENDED OUTRIGGERS

	MAIN BOOM LOAD RATINGS											
			LO	AD RATINGS II	N lbs WITH (AND STAB	ILIZERS EXTE	NDED		_	
LOAD RADUIS IN FEET	LOADED BOOM ANGLE	28-ft	LOADED BOOM ANGLE	A 43-ft	LOADED BOOM ANGLE	B 56-ft	LOADED BOOM ANGLE	C 69-ft	LOADED BOOM ANGLE	D 82-ft	LOADED BOOM ANGLE	E 95-ft
5	79.5	60,000										
8	72.5	44,000	79.5	32,700								
10	68	37,000	76.5	31,500								
12	63	32,000	74	27,400	78.5	26,800						
14	58	28,100	71	25,400	76.5	24,900	79.5	22,200				
16	53	24,200	68	23,500	74	23,200	78	21,400	77.5	15,800		
20	40.5	20,100	62	19,300	70	19,500	74.5	18,200	74	13,700	79	10,700
25	10.5	14,900	53.5	15,600	64	15,000	70	14,600	70.5	11,800	76.5	10,500
30			43.5	12,300	57.5	12,100	65	11,900	66.5	9,700	73.5	9,400
35			32.5	9,200	51	10,000	60	9,900	62.5	8,300	70.5	8,400
40			7	6,200	44	8,350	55.5	8,300	58	5,700	67	7,350
45					35	6,050	49.5	6,000	53.5	4,700	64	6,950
50					22.5	4,900	43.5	4,950	48.5	4,050	59.5	4,650
55							36.5	4,100	42.2	3,400	56	4,050
60							27.5	3,350	37	2,850	52	3,450
65							13	2,650	30.5	2,350	47.5	2,850
70									21	1,950	43	2,350
75											38	1,950
80											32	1,550
85											25	1,250
90											14.5	950
	0	10,000	0	7,600	0	4,350	0	2,600	0	1,550	0	800
DEDUCTIC STOWED		900		600		450		350		300		250
STOWED	(ווו) פוני	600		400		300		250		200		200
1-PART LII	ΝE		2-PART LI	INE	3	-PART LINE		4-PART	LINE		5-PART LINE	

		JIB	LOA	D RATIN	GS	
	LOAI	RATINGS IN Ibs	WITH OUT	RIGGERS AND ST	TABILIZERS	EXTENDED
	24-ft FIX	ED LENGTH JIB		24-41 ft EXTE	NDABLE JI	В
LOAD RADUIS IN FEET	LOADED BOOM ANGLE	24-ft JIB	LOADED BOOM ANGLE	24-ft JIB RETRACTED	LOADED BOOM ANGLE	41-ft JIB EXTENDED
30	74.5	5,450	74.5	5,200	76.5	3,200
35	72	5,050	72	4,800	74.5	3,050
40	69.5	4,600	69.5	4,350	72	2,850
45	67	4,150	67	3,900	70	2,650
50	64.5	3,750	64.5	3,500	67.5	2,450
55	61.5	3,300	61.5	3,050	65.5	2,300
60	58.5	2,800	58.5	2,550	63	2,150
65	56	2,300	56	2,050	60.5	2,000
70	53	1,850	53	1,600	58	1,850
75	50	1,450	50	1,200	55.5	1,600
80	46.5	1,100	46.5	850	53	1,350
85	43	800	43	550	50.5	1,100
90					47.5	850
95					44.5	600

ELLIOTT EQUIPMENT CO., SUPPLIED	
LOADLINE EQUIPMENT DEDUCTIONS:	
DOWNHAUL WEIGHT	.180 lbs
ONE SHEAVE BLOCK	.375 lbs
TWO SHEAVE BLOCK	640 lbs
THREE SHEAVE BLOCK	870 lbs
ALIXII IARY SHEAVE	100 lbs

DEDUCTIONS FOR STOWED EXTENDABLE JIB (lbs) DEDUCTIONS FOR STOWED FIXED LENGTH JIB (lbs)

7-PART LINE

-content when							BLOCK GOMEST DOWN TO WHITE STREETING SOUND STREETING SOUND S
MAX PULL: 9,600 lbs	19,200 lbs	28,800 l bs	38,400 lbs	48,000 lbs	56,000 lbs	60,000 lbs	919C - 6 x 37 (WRC (3.5:1 8,F.) 33,900-bit BREAKING STRENGTH
MAX PULL: 9,060 lbs	18,120 lbs	27,180 lbs	36,240 lbs	45,300 lbs	54,360 lbs	60,000 lbs	SHE" - SPIN RESISTANT (Sci S.F.) 45,300-bis BREARING STRENGTH
CRANE MEETS ASME BAD 5 REQUIREMENTS AT TIME	E OE MAN JEACTLIBE		-			DO NOT PANT	OVER ANY LABELS 1113160 111308



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NOTICE

LOAD CHART - MAIN BOOM, MID-SPAN OUTRIGGERS



MODEL 3000 95-ft BOOM

MAIN BOOM LOAD RATINGS WITH OUTRIGGERS AT MID-SPAN POSITION

	MAIN BOOM LOAD RATINGS											
LOAD RATINGS IN Ibs WITH OUTRIGGERS AND STABILIZERS EXTENDED												
LOAD RADUIS	LOADED BOOM		LOADED BOOM	A	LOADED BOOM	. "	LOADED BOOM	С	LOADED BOOM	D	LOADED BOOM	E
IN FEET	ANGLE	28-ft	ANGLE	43-ft	ANGLE	56-ft	ANGLE	69-ft	ANGLE	82-ft	ANGLE	95-ft
5	79.5	60,000										
8	72.6	44,000	79.5	32,700								
10	68	37,000	76.6	31,500								
12	63.2	32,000	74	27,400	78.4	26,800						
14	58.1	28,100	71	25,400	76.3	24,900	79.6	22,200				
16	52.7	21,400	68	21,400	74	21,400	78	21,400				
20	40.2	13,700	61.5	13,700	69.2	13,700	74	13,700	77.3	13,700	79.1	10,700
25	16.3	9,000	53.5	9,000	63.7	9,000	69.5	8,950	73.5	8,950	76.4	10,000
30			43.9	6,300	57.4	6,300	65	6,300	69.5	6,300	73.1	7,250
35			31.8	4,550	50.7	4,550	60	4,550	65.4	4,550	69.7	5,500
40			7.1	3,000	43.1	3,350	54.5	3,550	61.2	3,350	65.8	3,200
45					34.1	2,500	49	2,500	57	2,500	62.2	2,400
50					22	1,850	43	1,850	52.4	1,800	58.6	2,000
55							35.5	1,300	47.5	1,300	54.9	1,600
60							27	900	42.3	850	50.9	1,250
65							12.3	500	36.5	500	46.7	950
70											42.1	750
DEDUCTI		900		600		450		350		300		250
STOWED) JIB (lb)	600		400		300		250		200		200

		JIB LOAD RATINGS										
	LOAI	LOAD RATINGS IN Ibs WITH OUTRIGGERS AND STABILIZERS EXTENDED										
	24-ft FIXI	24-ft FIXED LENGTH JIB 24-41 ft EXTENDABLE JIB										
LOAD RADUIS IN FEET	LOADED BOOM ANGLE	24-ft JIB	LOADED BOOM ANGLE	24-ft JIB RETRACTED	LOADED BOOM ANGLE	41-ft JIB EXTENDED						
30	74.5	5,450	74.5	5,200	76.5	3,200						
35	72	4,000	72	3,600	74.5	3,050						
40	69.5	2,800	69.5	2,400	72	2,850						
45	67	1,950	67	1,600	70	2,650						
50	64.5	1,300	64.5	900	67.5	2,150						
55	61.5	750			65.5	1,300						

ELLIOTT EQUIPMENT CO. SUPPLIED	
LOADLINE EQUIPMENT DEDUCTIONS:	
DOWNHAUL WEIGHT	180 lbs
ONE SHEAVE BLOCK	375 lbs
TWO SHEAVE BLOCK	640 lbs
THREE SHEAVE BLOCK	870 lbs
AUXILIARY SHEAVE	100 lbs

DEDUCTIONS FOR STOWED EXTENDABLE J	IB (lbs)
DEDUCTIONS FOR STOWED FIXED LENGTH .	JIB (lbs)

1-PART LINE	2-PART LINE	3-PART LINE	4-PART LINE	5-PART LINE	6-PART LINE	7-PART LINE	NOTICE
DOWNHAUL WEIGHT							- 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 9/16" DIAMETER WIRE ROPE, AS SPECIFIED BELOW, WITH THE PROPER BREAKING STRENGTHS LISTED ANTI-TWO-BLOCK SYSTEM MUST BE IN GOOD OPERATING CONDITION BEFORE OPERATING CRAIRS. SEE OPERATION & SAFETY MANUAL.
MAX PULL: 9,600 lbs	19,200 l bs	28,800 lbs	38,400 l bs	48,000 l bs	56,000 l bs	60,000 l bs	9/16" - 6 x 37 IWRC (3.5:1 S.F.) 33,600 lbs. BREAKING STRENGTH
MAX PULL: 9,060 lbs	18,120 lbs	27,180 lbs	36,240 lbs	45,300 lbs	54,360 lbs	60,000 l bs	9/16" - SPIN RESISTANT (5:1 S.F.) 45,300-lbs. BREAKING STRENGTH
CRANE MEETS AS	ME B30.5 REQUIREMENTS AT	TIME OF MANUFACTURE			DO NOT PA	INT OVER ANY LABELS	1113160 111308



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LOAD CHART - MAIN BOOM, RETRACTED OUTRIGGERS



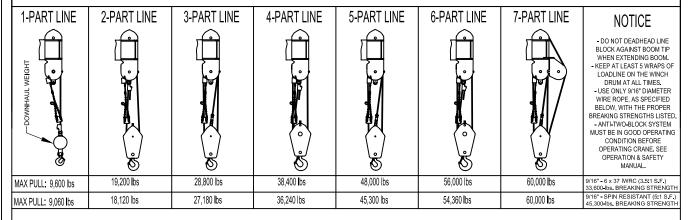
MODEL 3000 95-ft BOOM

MAIN BOOM LOAD RATINGS WITH OUTRIGGERS AT FULL HORIZONTAL RETRACTED POSITION

	MAIN BOOM LOAD RATINGS											
LOAD RATINGS IN Ibs WITH OUTRIGGERS AND STABILIZERS EXTENDED												
LOAD RADU I S IN FEET	LOADED BOOM ANGLE	28-ft	LOADED BOOM ANGLE	A 43-ft	LOADED BOOM ANGLE	B 56-ft	LOADED BOOM ANGLE	C 69-ft	LOADED BOOM ANGLE	D 82-ft	LOADED BOOM ANGLE	E 95-ft
5	79.5	60,000										
8	72.5	22,000	78.9	22,000								
10	67.5	14,900	76.1	14,900								
12	62.8	10,800	73.5	10,800	77.5	10,800						
14	58.9	8,200	70.7	8,200	75.6	8,200	78.7	8,200				
16	53.7	6,500	67.7	6,500	73.5	6,500	76.9	6,500	79.5	6,500		
20	41.6	4,400	61.5	4,400	68.9	4,400	73.5	4,400	76.3	4,400	78.3	4,400
25	16.5	2,550	53.1	2,550	63.1	2,550	68.7	2,550	72.5	2,550	74.9	2,550
30			43.6	1,450	56.8	1,450	63.9	1,450	68.5	1,450	71.6	1,450
35			31.6	700	50.1	700	59.1	700	64.6	700	68.5	700
DEDUCT		900		600		450		350		300		250
STOWED) JIB (lb)	600		400		300		250		200		200

ELLIOTT EQUIPMENT CO. SUPPLIED LOADLINE EQUIPMENT DEDUCTIONS: DOWNHAUL WEIGHT180 lbs ONE SHEAVE BLOCK......375 lbs TWO SHEAVE BLOCK......640 lbs THREE SHEAVE BLOCK......870 lbs AUXILIARY SHEAVE......100 lbs

> DEDUCTIONS FOR STOWED EXTENDABLE JIB (lbs) DEDUCTIONS FOR STOWED FIXED LENGTH JIB (lbs)



CRANE MEETS ASME B30.5 REQUIREMENTS AT TIME OF MANUFACTURE

DO NOT PAINT OVER ANY LABELS

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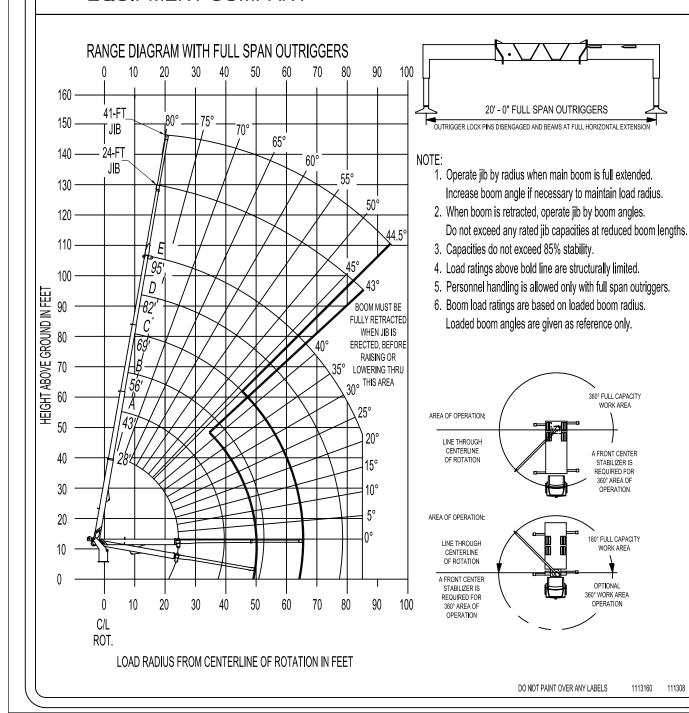
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RANGE CHART - MAIN BOOM + JIB, FULL-SPAN OUTRIGGERS



MODEL 3000 95-ft BOOM





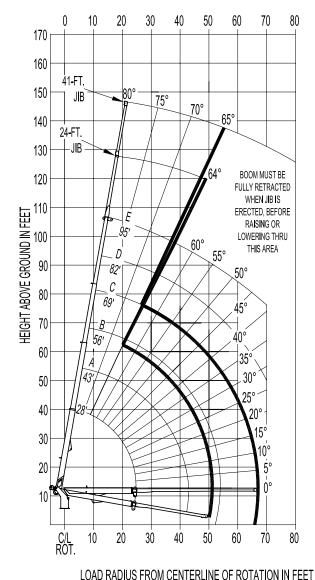
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RANGE CHART - MAIN BOOM + JIB, MID-SPAN OUTRIGGERS



MODEL 3000 95-ft BOOM

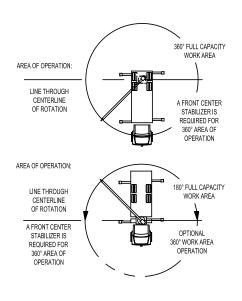
RANGE DIAGRAM WITH OUTRIGGERS AT MID-SPAN POSITION



13' - 8" MID-SPAN OUTRIGGERS OUTRIGGER LOCK PINS ENGAGED

NOTE:

- 1. Operate jib by radius when main boom is full 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 stability based on ISO 4305-1991.
- 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.



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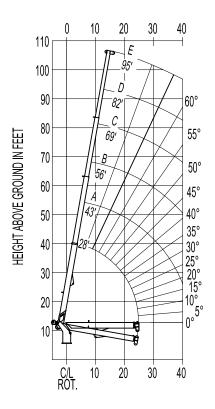
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RANGE CHART - MAIN BOOM, RETRACTED OUTRIGGERS



MODEL 3000 95-ft BOOM

RANGE DIAGRAM WITH OUTRIGGERS AT FULL HORIZONTAL RETRACTED POSITION



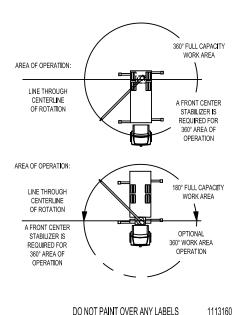
LOAD RADIUS FROM CENTERLINE OF ROTATION IN FEET



7' - 5" NO-SPAN OUTRIGGERS

NOTE:

- 1. Capacities do not exceed stability based on ISO 4305-1991.
- 2. Load ratings above bold line are structurally limited.
- 3. Personnel handling is allowed only with full span outriggers.
- 4. Boom load ratings are based on loaded boom radius. Loaded boom angles are given as reference only.





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TRUCK CHASSIS SPECIFICATIONS

	3095F BoomTruck
Wheelbase (WB)	268" / 681 cm
Cab to Tandem (CT)	204" / 518 cm
Cab to End of Frame (EOF)	334" / 848 cm
Frame Section Modulus	30.0 in3-110,000 psi / 492 cm3-758 428 kPa
Front Axle Gross Weight Rating	20,000 lb / 9072 kg
Rear Axle Gross Weight Rating	40,000 lb / 18 144 kg
Integral Front Frame Rails	Required for Front Stabilizer

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. Includes battery charging feature and optional LMI screen.



Pin-On Jib Attachments

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



Continuous Boom Rotation

Add the convenience of 360 degree continuous rotation by adding a special boom rotation swivel for swinging without stops.



Digger / Auger Attachment

Dig faster and deeper with Elliott's auger attachment, offering 41' of digging range and a hydraulically powered auger that stows on the boom.



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 install a 2-3 part hook block or a 4 part-hook block to improve lifting capabilities. The block can be stored at the rear of the



Gravity Leveled Basket

Elliott's pin-on work platform pins onto the boom for easy installation and removal. Gravity leveling and mechanical rotation makes it a great accessory for any worksite.



Body Mounted Hose Reels and Circuits

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



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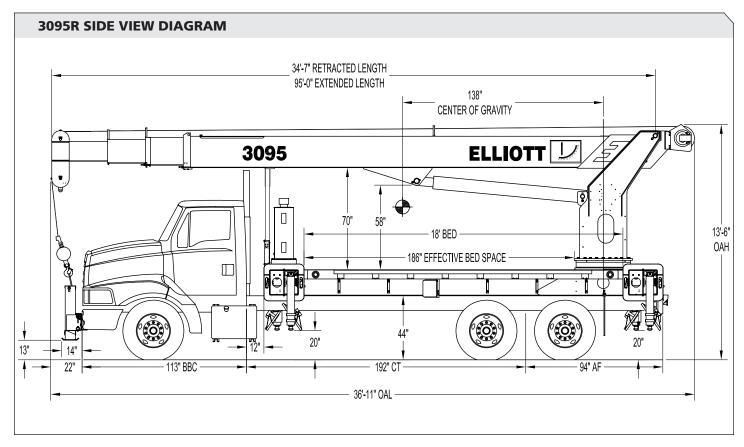
BoomTruck 3095R

TECHNICAL SPECIFICATIONS









• Maximum Vertical Reach

• Crane Weight (Standard)

148'/45,1 m

Working Area

360 Degrees

Lifting Capacity

60,000 lbs/27 216 kg

Boom Length

95′/29 m

Jib Lengths

27,750 lbs/12 587 kg

24', 41'/ 7,3,12,5 m

• Winch Bare Drum Pull

12,800 lbs/5806 kg

• Powered Boom Sections

13'6"/4,1 m

• Overall Height

Operator Controls

Rotating Standup or Cab

• Outrigger Type Front Outrigger Spread Front Out-Down 20'/6 m

• Outrigger Type Rear

Out-Down

Outrigger Spread Rear

20'/6 m



Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127



TECHNICAL SPECIFICATIONS

Crane Capacity: 60,000 lbs at 5' load radius.

Maximum Tip Height: 107' height (148' with optional 41' jib)

Control Console: Rotating single operator standup control station or cab on turret equipped with four single axis control levers for the main crane controls. Operator station includes LMI display, 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: Four-section fully proportional, high strength steel plated rectangular tube sections. A maximum boom tip height of 107' 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 425' of 9/16" diameter rotation resistant wire rope with a single line pull of 9,060 pounds, 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 warning and shut-off functions to limit hook-boom point contact.

Outriggers: Two sets of out and down overframe outriggers with 20' span. Outriggers are configured for full span, mid span, or retracted operation. Outriggers equipped with ball socket aluminum removable pads that stow on vertical outrigger legs. Front stabilizer for 360 degree area of operation.

Frame: Full length, all welded rigid 4-plate design sub-frame. Sub-frame allows for bolt-on addition of 18' 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 onepiece weldment. Turret rotates on large diameter ball bearing.

Rotation: Hydraulic motor drives turret through double reduction planetary swing drive for continuous rotation. The swing drive system has a spring applied, pressure release 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 cable-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.

Oil Tank Capacity: 143 gallon mounted on top of truck frame.

Cab Equipment: PTO cable 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. Top of bed painted with black nonskid surface.

Bumper: Bureau of Motor Carrier Safety rear bumper.

Weight: Approximately 27,750 lbs. with 18' steel-floor bed less truck.

Truck Chassis Required: Approx. 192" C.T. RBM 3,300,000 in-lb. per rail, 20,000 lb. front axle and 40,000 lb. GVWR required. Trucks must have front frame extension, 12V electrical system with high capacity alternator, cab clearance stop/tail/backup lights, and I.D. lamps. Recommended GVWR is minimum for BoomTruck with flatbed only. Contact factory when additional equipment is to be added.

Options:

24' or 41' Fixed Jib.

Radio Remote Controls.

Gravity-Leveled Steel Basket.

Tool Box Configurations.

Much More...

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



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LOAD CHART - MAIN BOOM, FULL-SPAN OUTRIGGERS



MODEL 3000 95-ft BOOM

MAIN BOOM LOAD RATINGS WITH FULLY EXTENDED OUTRIGGERS

				MA	AIN BO	OM L	OAD I	RATING	SS			
			LOA	AD RATINGS IN	N lbs WITH C	UTRIGGERS	AND STAB	ILIZERS EXTE	NDED			
LOAD RADUIS IN FEET	LOADED BOOM ANGLE	28-ft	LOADED BOOM ANGLE	A 43-ft	LOADED BOOM ANGLE	B 56-ft	LOADED BOOM ANGLE	C 69-ft	LOADED BOOM ANGLE	D 82 - ft	LOADED BOOM ANGLE	E 95-ft
5	79.5	60,000										
8	72.5	44,000	79.5	32,700								
10	68	37,000	76.5	31,500								
12	63	32,000	74	27,400	78.5	26,800						
14	58	28,100	71	25,400	76.5	24,900	79.5	22,200				
16	53	24,200	68	23,500	74	23,200	78	21,400	77.5	15,800		
20	40.5	20,100	62	19,300	70	19,500	74.5	18,200	74	13,700	79	10,700
25	10.5	14,900	53.5	15,600	64	15,000	70	14,600	70.5	11,800	76.5	10,500
30			43.5	12,300	57.5	12,100	65	11,900	66.5	9,700	73.5	9,400
35			32.5	9,200	51	10,000	60	9,900	62.5	8,300	70.5	8,400
40			7	6,200	44	8,350	55.5	8,300	58	5,700	67	7,350
45					35	6,050	49.5	6,000	53.5	4,700	64	6,950
50					22.5	4,900	43.5	4,950	48.5	4,050	59.5	4,650
55							36.5	4,100	42.2	3,400	56	4,050
60							27.5	3,350	37	2,850	52	3,450
65							13	2,650	30.5	2,350	47.5	2,850
70									21	1,950	43	2,350
75											38	1,950
80											32	1,550
85											25	1,250
90											14.5	950
	0	10,000	0	7,600	0	4,350	0	2,600	0	1,550	0	800
DEDUCTIO		900		600		450		350		300		250
STOWED	JID (ID)	600		400		300		250		200		200
1-PART LIN	VE.		2-PART LI	NE	3	-PART LINE		4-PAR	LINE		5-PART LINE	

		JIE	LOA	D RAT i n	GS							
	LOAD	RATINGS IN lbs	WITH OUT	RIGGERS AND ST	TABILIZERS	EXTENDED						
	24-ft FIXE	ED LENGTH JIB		24-41 ft EXTENDABLE JIB								
LOAD RADUIS IN FEET	LOADED BOOM ANGLE	24-ft JIB	LOADED BOOM ANGLE	24-ft JIB RETRACTED	LOADED BOOM ANGLE	41-ft JIB EXTENDED						
30	74.5	5,450	74.5	5,200	76.5	3,200						
35	72	5,050	72	4,800	74.5	3,050						
40	69.5	4,600	69.5	4,350	72	2,850						
45	67	4,150	67	3,900	70	2,650						
50	64.5	3,750	64.5	3,500	67.5	2,450						
55	61.5	3,300	61.5	3,050	65.5	2,300						
60	58.5	2,800	58.5	2,550	63	2,150						
65	56	2,300	56	2,050	60.5	2,000						
70	53	1,850	53	1,600	58	1,850						
75	50	1,450	50	1,200	55.5	1,600						
80	46.5	1,100	46.5	850	53	1,350						
85	43	800	43	550	50.5	1,100						
90					47.5	850						
95					44.5	600						

ELLIOTT EQUIPMENT CO. SUPPLIED	
LOADLINE EQUIPMENT DEDUCTIONS:	
DOWNHAUL WEIGHT	.180 lbs
ONE SHEAVE BLOCK	.375 lbs
TWO SHEAVE BLOCK	640 lbs
THREE SHEAVE BLOCK	870 lbs
AUXILIARY SHEAVE	100 lbs

DEDUCTIONS FOR STOWED EXTENDABLE JIB (lbs) DEDUCTIONS FOR STOWED FIXED LENGTH JIB (lbs)

7-PART LINE

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6-PART LINE

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MAX PULL: 9,600 lbs	19,200 lbs	28,800 lbs	38,400 lbs	48,000 lbs	56,000 lbs	60,000 I bs	9/16" - 6 x 37 M/RC (3,61 8,F.) 33,600-bs, BREAKING STRENGTH
MAX PULL: 9,060 lbs	18,120 lbs	27,180 lbs	36,240 lbs	45,300 lbs	54,360 lbs	60,000 l bs	9/16" - SPIN RESISTANT (5:1 S.F.) 45.300-bs, BREAKING STRENGTH
CRANE NEETS ASME 830.5 REQUIREMENTS AT TIME	E OF MANUFACTURE					DO NOT PAINT	OVER ANY LABELS 1113160 111308

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NOTICE

LOAD CHART - MAIN BOOM, MID-SPAN OUTRIGGERS



MODEL 3000 95-ft BOOM

MAIN BOOM LOAD RATINGS WITH OUTRIGGERS AT MID-SPAN POSITION

	MAIN BOOM LOAD RATINGS												
	LOAD RATINGS IN Ibs WITH OUTRIGGERS AND STABILIZERS EXTENDED LOAD LOADED A LOADED R LOADED C LOADED D LOADED F												
LOAD RADUIS	LOADED BOOM		LOADED BOOM	Α	LOADED B		LOADED BOOM	С	LOADED BOOM	D	LOADED BOOM	Е	
IN FEET	ANGLE	28-ft	ANGLE	43-ft	ANGLE	56-ft	ANGLE	69-ft	ANGLE	82-ft	ANGLE	95-ft	
5	79.5	60,000											
8	72.6	44,000	79.5	32,700									
10	68	37,000	76.6	31,500									
12	63.2	32,000	74	27,400	78.4	26,800							
14	58.1	28,100	71	25,400	76.3	24,900	79.6	22,200					
16	52.7	21,400	68	21,400	74	21,400	78	21,400					
20	40.2	13,700	61.5	13,700	69.2	13,700	74	13,700	77.3	13,700	79.1	10,700	
25	16.3	9,000	53.5	9,000	63.7	9,000	69.5	8,950	73.5	8,950	76.4	10,000	
30			43.9	6,300	57.4	6,300	65	6,300	69.5	6,300	73.1	7,250	
35			31.8	4,550	50.7	4,550	60	4,550	65.4	4,550	69.7	5,500	
40			7.1	3,000	43.1	3,350	54.5	3,550	61.2	3,350	65.8	3,200	
45					34.1	2,500	49	2,500	57	2,500	62.2	2,400	
50					22	1,850	43	1,850	52.4	1,800	58.6	2,000	
55							35.5	1,300	47.5	1,300	54.9	1,600	
60							27	900	42.3	850	50.9	1,250	
65							12.3	500	36.5	500	46.7	950	
70											42.1	750	
DEDUCTI		900		600		450		350		300		250	
STOWED) JIB (lb)	600		400		300		250		200		200	

		JIB	LOA	D RATIN	GS	
	LOAI	RATINGS IN Ibs	WITH OUT	RIGGERS AND ST	ABILIZERS	EXTENDED
	24-ft FIXI	ED LENGTH JIB		24-41 ft EXTE	NDABLE JI	В
LOAD RADUIS IN FEET	LOADED BOOM ANGLE	24-ft JIB	LOADED BOOM ANGLE	24-ft JIB RETRACTED	LOADED BOOM ANGLE	41-ft JIB EXTENDED
30	74.5	5,450	74.5	5,200	76.5	3,200
35	72	4,000	72	3,600	74.5	3,050
40	69.5	2,800	69.5	2,400	72	2,850
45	67	1,950	67	1,600	70	2,650
50	64.5	1,300	64.5	900	67.5	2,150
55	61.5	750			65.5	1,300

ELLIOTT EQUIPMENT CO. SUPPLIED	
LOADLINE EQUIPMENT DEDUCTIONS: DOWNHAUL WEIGHT	
ONE SHEAVE BLOCK	
TWO SHEAVE BLOCK	
THREE SHEAVE BLOCK	
AUXILIARY SHEAVE	TUU IDS

DEDUCTIONS FOR STOWED EXTENDABLE JIB (lbs)

DEDUCTIONS FOR STOWED FIXED LENGTH JIB (lbs)

1-PART LINE	2-PART LINE	3-PART LINE	4-PART LINE	5-PART LINE	6-PART LINE	7-PART LINE	NOTICE
DOWNHAUL WEIGHT							- DO NOT DEADHEAD LINE BLOCK AGAINST BOOM TIP WHEN EXTENDING BOOM. KEEP AT LEAST 5 WARPS OF LOADLINE ON THE WINCH DRUM AT ALL TIMES. USE ONLY 9'16" DIAMETER WIRE ROPE, AS SPECIFIED BELOW, WITH THE PROPER BREAKING STRENGTHS LISTEDANTI-TWO-BLOCK SYSTEM MUST BE IN GOOD OPERATING CONDITION BEFORE OPERATING CANEL SEE OPERATION & SAFETY MANUAL.
MAX PULL: 9,600 lbs	19,200 l bs	28,800 l bs	38,400 l bs	48,000 lbs	56,000 l bs	60,000 l bs	9/16" - 6 x 37 IWRC (3.5:1 S.F.) 33,600-lbs. BREAKING STRENGTH
MAX PULL: 9,060 lbs	18,120 lbs	27,180 lbs	36,240 l bs	45,300 l bs	54,360 lbs	60,000 lbs	9/16" - SPIN RESISTANT (5:1 S.F.) 45,300-lbs. BREAKING STRENGTH
CRANE MEETS AS	ME B30.5 REQUIREMENTS AT	TIME OF MANUFACTURE			DO NOT PA	AINT OVER ANY LABELS	1113160 111308



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LOAD CHART - MAIN BOOM, RETRACTED OUTRIGGERS



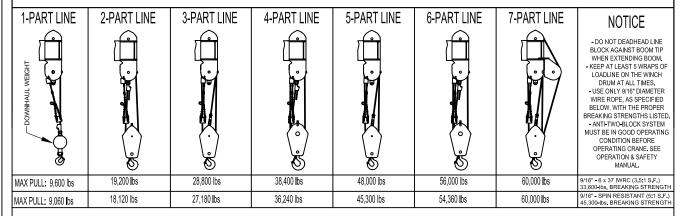
MODEL 3000 95-ft BOOM

MAIN BOOM LOAD RATINGS WITH OUTRIGGERS AT FULL HORIZONTAL RETRACTED POSITION

	MAIN BOOM LOAD RATINGS												
	LOAD RATINGS IN Ibs WITH OUTRIGGERS AND STABILIZERS EXTENDED												
LOAD RADU I S IN FEET	LOADED BOOM ANGLE	28-ft	LOADED BOOM ANGLE	A 43-ft	LOADED BOOM ANGLE	B 56-ft	LOADED BOOM ANGLE	C 69-ft	LOADED BOOM ANGLE	D 82-ft	LOADED BOOM ANGLE	E 95-ft	
5	79.5	60,000											
8	72.5	22,000	78.9	22,000									
10	67.5	14,900	76.1	14,900									
12	62.8	10,800	73.5	10,800	77.5	10,800							
14	58.9	8,200	70.7	8,200	75.6	8,200	78.7	8,200					
16	53.7	6,500	67.7	6,500	73.5	6,500	76.9	6,500	79.5	6,500			
20	41.6	4,400	61.5	4,400	68.9	4,400	73.5	4,400	76.3	4,400	78.3	4,400	
25	16.5	2,550	53.1	2,550	63.1	2,550	68.7	2,550	72.5	2,550	74.9	2,550	
30			43.6	1,450	56.8	1,450	63.9	1,450	68.5	1,450	71.6	1,450	
35			31.6	700	50.1	700	59.1	700	64.6	700	68.5	700	
DEDUCTI		900		600		450		350		300		250	
STOWED) JIB (lb)	600		400		300		250		200		200	

DEDUCTIONS FOR STOWED EXTENDABLE JIB (lbs)

DEDUCTIONS FOR STOWED FIXED LENGTH JIB (lbs)



CRANE MEETS ASME B30.5 REQUIREMENTS AT TIME OF MANUFACTURE

DO NOT PAINT OVER ANY LABELS

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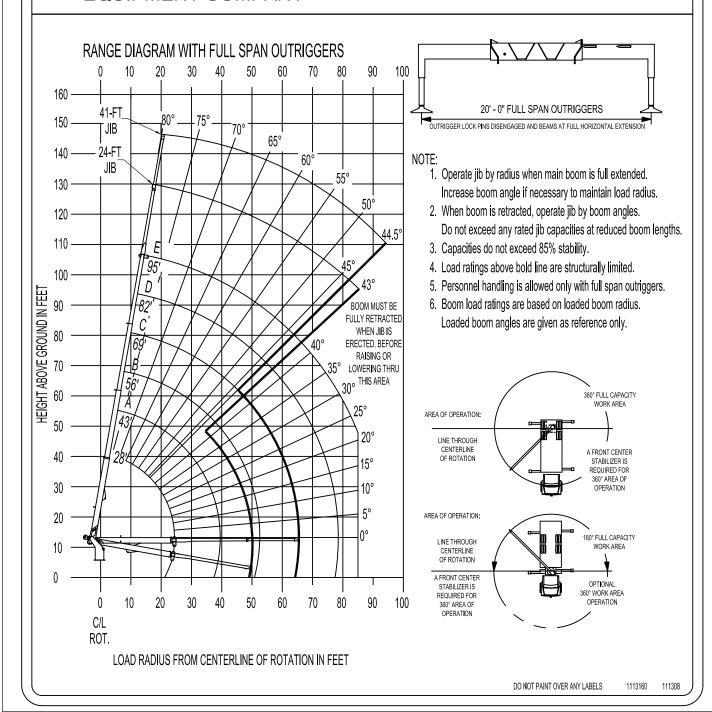
Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127



RANGE CHART - MAIN BOOM + JIB, FULL-SPAN OUTRIGGERS



MODEL 3000 95-ft BOOM





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Omaha, NE 68127

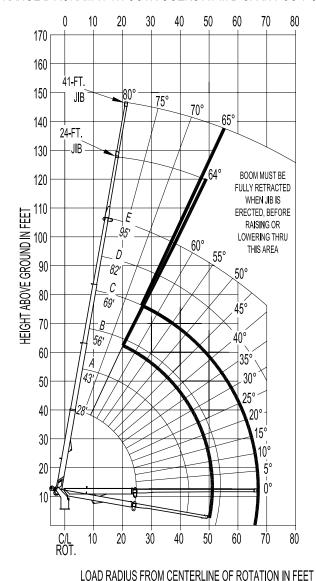
www.elliottequip.com

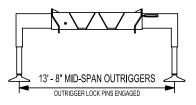
RANGE CHART - MAIN BOOM + JIB, MID-SPAN OUTRIGGERS



MODEL 3000 95-ft BOOM

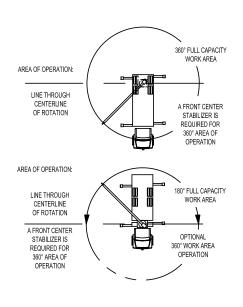
RANGE DIAGRAM WITH OUTRIGGERS AT MID-SPAN POSITION





NOTE:

- 1. Operate jib by radius when main boom is full 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 stability based on ISO 4305-1991.
- 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.



DO NOT PAINT OVER ANY LABELS



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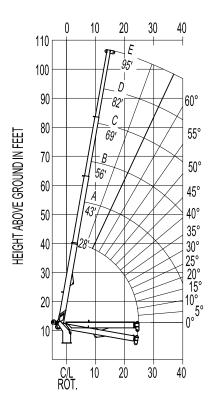
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RANGE CHART - MAIN BOOM, RETRACTED OUTRIGGERS



MODEL 3000 95-ft BOOM

RANGE DIAGRAM WITH OUTRIGGERS AT FULL HORIZONTAL RETRACTED POSITION

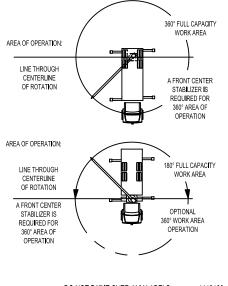


LOAD RADIUS FROM CENTERLINE OF ROTATION IN FEET



NOTE:

- 1. Capacities do not exceed stability based on ISO 4305-1991.
- 2. Load ratings above bold line are structurally limited.
- 3. Personnel handling is allowed only with full span outriggers.
- 4. Boom load ratings are based on loaded boom radius. Loaded boom angles are given as reference only.





1113160

111308



Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127



TRUCK CHASSIS SPECIFICATIONS

	3095R BoomTruck
Wheelbase (WB)	256" / 650 cm
Cab to Tandem (CT)	192" / 488 cm
Cab to End of Frame (EOF)	286" / 726 cm
Frame Section Modulus	30.0 in3-110,000 psi
Front Axle Gross Weight Rating	20,000 lb / 9071 kg
Rear Axle Gross Weight Rating	40,000 lb / 18 144 kg
Integral Front Frame Rails	Required for Front Stabilizer

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% stbility requirements.

OPTIONS



Radio Remote Control

Interference protected radio remotes let you get closer to your work and have full control over your machine. Includes battery charging feature and optional LMI screen.



Pin-On Jib Attachments

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



Custom Paint

Choose from a wide list of high quality paint applications including Elliott's standard white or red paint, metallic paints, or multiple colors.



Digger / Auger Attachment

Dig faster and deeper with Elliott's auger attachment, offering 41' of digging range and a hydraulically powered auger that stows on the boom.



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 install a 2-3 part hook block or a 4 part-hook block to improve lifting capabilities. The block can be stored at the rear of the



Gravity Leveled Basket

Elliott's pin-on work platform pins onto the boom for easy installation and removal. Gravity leveling and mechanical rotation makes it a great accessory for any worksite.



Body Mounted Hose Reels and Circuits

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



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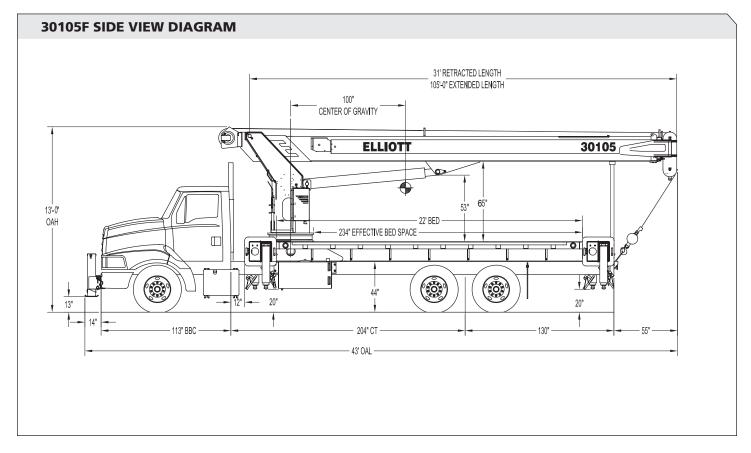
BoomTruck 30105F

TECHNICAL SPECIFICATIONS









• Maximum Vertical Reach

162'/49,4 m

• Working Area 180 Degrees Standard (360 Optional)

Lifting Capacity

60,000 lbs/27 216 kg

Boom Length

105′/32 m

• Crane Weight (Standard)

Jib Lengths

• Winch Bare Drum Pull

28,160 lbs/12 733 kg

26', 26-45'/ 8-13,7 m

12,800 lbs/5806 kg

• Powered Boom Sections

13'/4 m

4

• Overall Height

Operator Controls

Rotating Standup

• Outrigger Type Front

Out-Down 20'/6 m

• Outrigger Type Rear

Out-Down

• Outrigger Spread Rear

Outrigger Spread Front

20'/6 m



Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127



TECHNICAL SPECIFICATIONS

Crane Capacity: 60,000 lbs at 5' load

Maximum Tip Height: 117' tip height (162' with optional 45' jib)

Control Console: Rotating turret single operator standup control station equipped with four single axis control levers for the main crane controls. Operator station includes LMI display, 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: Four-section fully proportional, high strength steel plated rectangular tube sections. A maximum boom tip height of 117' 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 425' of 9/16" diameter rotation resistant wire rope with a single line pull of 9,060 pounds, 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 warning and shut-off functions to limit hook-boom point contact.

Outriggers: Two sets of out and down overframe outriggers with 20' span. Outriggers are configured for full span or mid span operation. Outriggers equipped with ball socket aluminum removable pads that stow on vertical outrigger legs.

Frame: Full length, all welded rigid 4-plate design sub-frame. Sub-frame allows for bolt-on addition of 22' 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 onepiece weldment. Turret rotates on large diameter ball bearing.

Rotation: Hydraulic motor drives turret through double reduction planetary swing drive for 372-degree noncontinuous rotation.

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.

Oil Tank Capacity: 120 gallon mounted to truck frame on roadside.

Cab Equipment: PTO switch 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. Top of bed painted with black nonskid surface.

Bumper: Bureau of Motor Carrier Safety rear bumper.

Weight: Approximately 28,160 lbs. with 22' steel-floor bed less truck.

Truck Chassis Required: Approx. 204" C.T. RBM 3,300,000 in-lb. per rail, 20,000 lb. front axle and 60,000 lb. GVWR required. Trucks must have front frame extension, 12V electrical system with high capacity alternator, cab clearance stop/tail/backup lights, and I.D. lamps. Recommended GVWR is minimum for BoomTruck with flatbed only. Contact factory when additional equipment is to be added.

Options:

Much more...

45' or 26' Telescopic Jib Radio Remote Controls Gravity-Leveled Steel Basket Tool Box Configurations Front Jack for 360 Degree Crane Operation

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



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Omaha, NE 68127



LOAD CHART - MAIN BOOM, FULL-SPAN OUTRIGGERS

	MAIN BOOM LOAD RATINGS WITH FULLY EXTENDED OUTRIGGERS MAIN BOOM LOAD RATINGS JIB LOAD RATINGS															TRIGO	SERS				
				١	//AIN	BOOM	1 LO <i>F</i>	AD RA	TING	S							JIB	LOA	D RATIN	IGS	
			LOAD RA	ATINGS IN Ibs	s W I TH OU	TR I GGERS A	ND STAB	L I ZERS EXT	ENDED							LOAD	RATINGS IN Ibs	W I TH OUT	RIGGERS AND S	TAB I L I ZERS	EXTENDED
LOAD RADU I S	LOADED BOOM		LOADED BOOM	Α	LOADED BOOM	В	LOADED BOOM	С	LOADED BOOM	D	LOADED BOOM	E	LOADED BOOM	F		26-ft FIXE	ED LENGTH JIB		26-45 ft EXTE	ENDABLE JI	3
IN FEET	ANGLE	31-ft 60,000	ANGLE	46-ft	ANGLE	58-ft	ANGLE	70-ft	ANGLE	82-ft	ANGLE	94-ft	ANGLE	105-ft	LOAD RADUIS IN FEET	LOADED BOOM ANGLE	26-ft J I B	LOADED BOOM ANGLE	26-ft JIB RETRACTED	LOADED BOOM ANGLE	45-ft JIB EXTENDED
6	78	48,000													30	78.7	4,750	78.5	4.500		
8	74.2	38,600	79.2	32,000											35	76.5	4,350	76.3	4,100	77.4	2,600
10	70.3	32,000	76.6	28,000											40	74.3	3,950	74.1	3,700	75.4	2,500
12	66.2	27,500	74	26,000	77.4	25,300									45	72	3,450	71.7	3,200	74	2,400
14	62	24,000	71.3	24,000		23,700		21,700							50	69.5	3,050	69.3	2,800	72.2	2,250
16	57.6	20,800	68.6	22,500	73.3	-		20,400		17,500					55	67.1	2,650	66.8	2,400	70.3	2,050
18	52.9	17,900	65.8	21,000	71.1	20,600	74.5	19,000		16,600	78.6	15,000			60	64.6	2,350	64.3	2,100	68.3	1,900
20	47.8	15,600	62.9	19,000	69	19,100	72.8	17,800	75.4	15,500	77.3	13,600			65	62	2,050	61.7	1,800	66.2	1,750
22		13,100		17,000	66.8	17,600	71	16,500	74	14,500	76.1	12,800		8,400	70	59.4	1,850	59.1	1,600	64.2	1,600
25	32.2	10,200	55.3	14,000	63.5	15,300	68.4			13,000	74.2	11,800		8,400	75	56.7	1,650	56.4	1,400	62	1,400
30			46.9	11,000	58.1	12,300	64.2		68.3	11,500	71.2	10,200	73.2	8,400	80	53.9	1,450	53.6	1,200	59.7	1,200
35			37.8	9,000	51.8	9,900	59.4	9,300		9,300	67.9	8,900	70.3	8,400	85	51	1,250	50.6	1,000	57.3	1,100
40			24.3	6,300	44.9	8,700	54.4	7,700		7,650	64.5	7,650	67.4	7,350	90	47.8	1,050	47.5	800	55.1	1,000
45						7,500	49	6,500		6,450	61	6,400	64.3	6,250	95					52.6	850
50					26.7	6,000	43.1	5,500				5,400	61.2	5,200	100					49.6	500
55							36.3			4,650		4,600	58	4,200							
60							28.1	4,050	41.7	4,000	49.6	3,950	54.6	3,300		EL	LIOTT EQU	IPMEN	T CO. SUPF	LIED	
65							16.1	3,500		3,450	45.4	3,400	51.1	2,950		LO	ADLINE EQ	UIPME	NT DEDUC	TIONS:	
70										3,000	40.7	2,800	47.4	2,350		DC	WNHAUL V	VEIGHT	- 1	80 lbs	
75									19.9	2,300		2,000	43.5	1,850			IE SHEAVE				
80											29.7	1,000	39.2	1,450			O SHEAVE				
85											22.3	600	34.5	1,150			REE SHEA				
90													29.1	850			JXILIARY SI				
95	•	0.000	•	0.000	•								22.4	600		/ (// (I (((((((((100 100	
	0	8,800	0	6,200	0	4,100		400													
DEDUCTION		850		600		450		400		350		300		250			DUCTIONS FOR			- ()	
STOWED JIB (lbs) 550 350 300								250	4 PA	200		150	I IME	150	C DADT!		UCTIONS FOR S		IXED LENGTH J		25
1-PART LINE 2-PART LINE 3-PART LINE									4-PAI	RTLINE		5-PART	LINE		6-PART I	TIME	1 1-1	ARTLINE		DO NOT DEAD BLOCK AGAINS WHEN EXTEND	NEAD INC
THE STATE OF THE S															WHEN EXTEND KEEP AT LEAS OF LOADLINE OF DRUM AT AL USE ONLY 976 WHE ROPE, AS BELOW, WITH TI BREAKING ST LISTE ANTI-TWO-BLO MUST BE IP OPERATING OF SEE OPERATI SEE OPERATION MANUAL	IT S WRAPS IT S WRAPS IT THE WINCH L TIMES. "DJWIETER SPECIFIED HE PROPER BERNSTHS D. CK SYSTEM GOOD ONDITION					
MAX PU				00 lbs		28,80 27,18				00 lbs		48,000 45,300			57,600 54,360			,000 lbs		906" - 6 × 37 MRC (33,600-b): BREADS 906" - SPIN RESIST 45,300-b): BREADS	
		O IDS EMENTS AT TIME OF MA		-0 ID9		21,10	o IDS		30,24	TO 100		+5,500	, 103		5-,500	ino	1 30,	coo ins	DO NOT PAINT OVER ANY LA		G STREMOTH 061406



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LOAD CHART - MAIN BOOM, MID-SPAN OUTRIGGERS

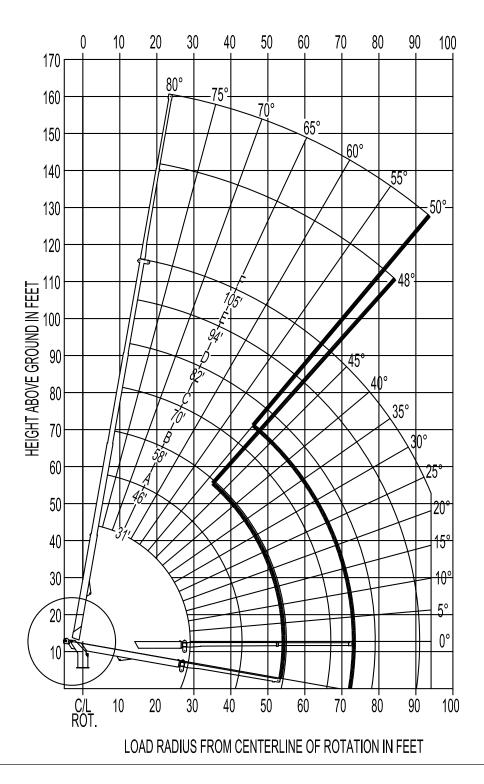
MAIN BOOM LOAD RATINGS WITH OUTRIGGERS AT MID-SPAN POSITION MAIN BOOM LOAD RATINGS JIB LOAD RATINGS																					
				M	IAIN	BOOM	LOA	D RA	TING	S							JIE	LOA	D RATIN	GS	
				ATINGS IN Ibs	s WITH OL		AND STAB	LIZERS EXT	ENDED	_						LOAD	RATINGS IN lbs	WITH OUTF	RIGGERS AND ST	TABILIZERS	EXTENDED
LOAD RADUIS	LOADED BOOM		LOADED BOOM	A	LOADED BOOM	В	LOADED BOOM	С	LOADED BOOM	D	LOADED BOOM	E	LOADED BOOM	F		26-ft FIXE	D LENGTH JIB		26-45 ft EXTE	NDABLE JIB	
IN FEET	ANGLE	31-ft	ANGLE	46-ft	ANGLE	58-ft	ANGLE	70-ft	ANGLE	82-ft	ANGLE	94-ft	ANGLE	105-ft	LOAD RADUIS	LOADED BOOM	26-ft	LOADED BOOM	26-ft JIB	LOADED BOOM	45-ft JIB
5	80	60,000													IN FEET	ANGLE	JIB	ANGLE	RETRACTED	ANGLE	EXTENDED
6	78	48,000	70.0	00 000											30	78.7	4,750	78.5	4,500		
8		38,600		<u> </u>											35	76.5	4,350	76.3	4,100	77.4	2,600
10		32,000		28,000	4	05.000									40	74.3	3,950	74.1	3,600	75.4	2,500
12		27,500	74	26,000		25,300	70	04.700							45	72	2,950	71.7	2,700	74	2,400
14	_	21,300	71.3	24,000	75.4	23,700		21,700							50	69.5	2,200	69.3	1,900	72.2	2,250
16	57.6	19,500	68.6	20,000	73.3	20,000		20,400		17,500		4-000			55	67.1	1,550	66.8	1,300	70.3	2,000
18																64.6	1,050	64.3	800	68.3	1,450
																				66.2	1,050
	22 42.3 9,500 60 10,500 66.8 11,000 71 11,000 74 11,200 76.1 11,000 78 8,400 7 7 7 7 7 7 7 7 7																			64.2	750
	25 33.8 7,800 55.3 8,200 63.5 8,300 68.7 8,750 72 8,800 74.2 9,000 76.1 8,400 30 46.9 5,000 58.1 6,100 64.2 6,150 68.3 6,200 71.2 6,400 73.2 6,500																				
	30 46.9 5,900 58.1 6,100 64.2 6,150 68.3 6,200 71.2 6,400 73.2 6,500															LIOTT		NT CO	SUPPLIED	١	
	35 37.8 4,000 51.8 4,300 59.4 4,350 64.4 4,400											4,600		4,700					DUCTION		
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RANGE CHART - MAIN BOOM + JIB, FULL-SPAN OUTRIGGERS

RANGE DIAGRAM WITH FULL SPAN OUTRIGGERS



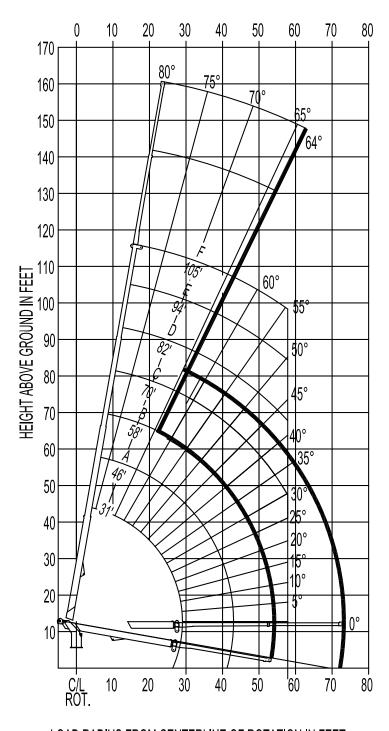


Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127



RANGE CHART - MAIN BOOM + JIB, MID-SPAN OUTRIGGERS

RANGE DIAGRAM WITH OUTRIGGERS AT MID-SPAN POSITION



LOAD RADIUS FROM CENTERLINE OF ROTATION IN FEET



Elliott Equipment Company Phone: 402-592-4500 4427 South 76th Circle Omaha, NE 68127

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



TRUCK CHASSIS SPECIFICATIONS

	30105F BoomTruck
Wheelbase (WB)	268" / 681 cm
Cab to Tandem (CT)	204" / 518 cm
Cab to End of Frame (EOF)	334" / 594 cm
Frame Section Modulus	30.0 in3-110,000 psi
Front Axle Gross Weight Rating	20,000 lb / 9,071 kg
Rear Axle Gross Weight Rating	40,000 lb / 18,143 kg
Integral Front Frame Rails	Required for Front Stabilizer

Chassis data is minimum general requirements-not for engineering.

Actual dimensions and truck data will depend on truck selection and axle configuration.

OPTIONS



Radio Remote Control

Interference protected radio remotes let you get closer to your work and have full control over your machine. Includes battery charging feature and optional LMI screen.



Pin-On Jib Attachments

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



Continuous Boom Rotation

Add the convenience of 360 degree continuous rotation by adding a special boom rotation bearing for swinging without stops.



Digger / Auger Attachment

Dig faster and deeper with Elliott's auger attachment, offering 44' of digging range and a hydraulically powered auger that stows on the boom.



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 install a 2-3 part hook block or a 4 part-hook block to improve lifting capabilities. The block can be stored at the rear of the bed



Gravity Leveled Basket

Elliott's pin-on work platform pins onto the boom for easy installation and removal. Gravity leveling and mechanical rotation makes it a great accessory for any worksite.



Body Mounted Hose Reels and Circuits

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



Elliott Equipment Company 4427 South 76th Circle IOmaha, NE 68127



^{*}Minimum chassis weight is required to meet 85% stbility requirements.

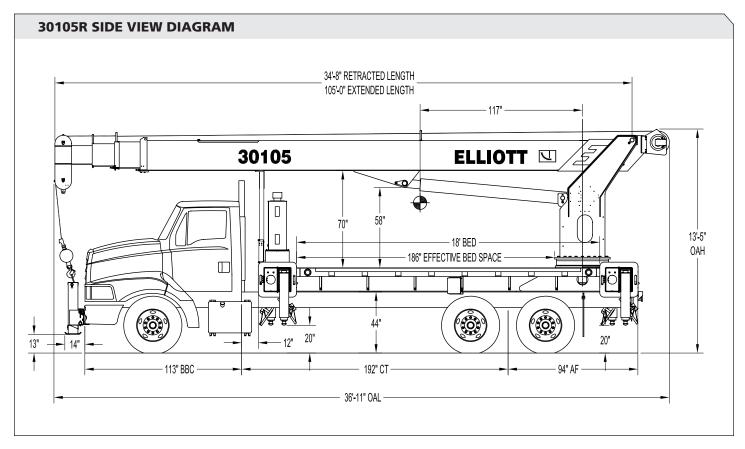
BoomTruck 30105R

TECHNICAL SPECIFICATIONS









• Maximum Vertical Reach

162'/49,4 m

Working Area

360 Degrees

Lifting Capacity

60,000 lbs/27 216 kg

Boom Length

• Crane Weight (Standard)

105′/32 m

Jib Lengths

28,160 lbs/12 733 kg

26', 26-45'/ 8, 8-13,7 m

12,800 lbs/5806 kg

• Powered Boom Sections

 Overall Height 13'5"/4 m

Operator Controls

Rotating Standup

• Outrigger Type Front

Out-Down 20'/6 m

• Outrigger Type Rear

Out-Down

• Outrigger Spread Rear

Outrigger Spread Front

20'/6 m



• Winch Bare Drum Pull

Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127



TECHNICAL SPECIFICATIONS

Crane Capacity: 60,000 lbs at 5' load radius.

Maximum Tip Height: 117' height (162' with optional 45' jib)

Control Console: Rotating turret single operator standup control station equipped with four single axis control levers for the main crane controls. Operator station includes LMI display, 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: Four-section fully proportional, high strength steel plated rectangular tube sections. A maximum boom tip height of 117' 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 425' of 9/16" diameter rotation resistant wire rope with a single line pull of 9,060 pounds, 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 warning and shut-off functions to limit hook-boom point contact.

Outriggers: Two sets of out and down overframe outriggers with 20' span. Outriggers are configured for full span or mid span operation. Outriggers equipped with ball socket aluminum removable pads that stow on vertical outrigger legs. Single front bumper stabilizer.

Frame: Full length, all welded rigid 4-plate design sub-frame. Sub-frame allows for bolt-on addition of 18' 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 onepiece 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 available with seated control option only.

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.

Oil Tank Capacity: 143 gallon mounted on top of front outriggers.

Cab Equipment: PTO switch 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. Top of bed painted with black nonskid surface.

Bumper: Bureau of Motor Carrier Safety rear bumper.

Weight: Approximately 28,160 lbs. with 18' steel-floor bed less truck.

Truck Chassis Required: Approx. 192" C.T. RBM 3,300,000 in-lb. per rail, 20,000 lb. front axle and 60,000 lb. GVWR required. Trucks must have front frame extension, 12V electrical system with high capacity alternator, cab clearance stop/tail/backup lights, and I.D. lamps. Recommended GVWR is minimum for BoomTruck with flatbed only. Contact factory when additional equipment is to be added.

Options:

26' Fixed or 45' Telescopic Jib.Rotating Open-Seated Controls.

Rotating Seated Controls with Cab.

Radio Remote Controls.

Gravity-Leveled Steel Basket.

Tool Box Configurations.

Multi-Part Line Block and Storage.

Much More...

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





LOAD CHART - MAIN BOOM, FULL-SPAN OUTRIGGERS

MAIN BOOM LOAD RATINGS Loop Revision No. With College Service Serv						MA	IN BO	OM L	OAD F	RATIN	NGS W	/ITH I	FULLY	EXT	ENDE) OL	TRIG	GERS					
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LOAD CHART - MAIN BOOM, MID-SPAN OUTRIGGERS

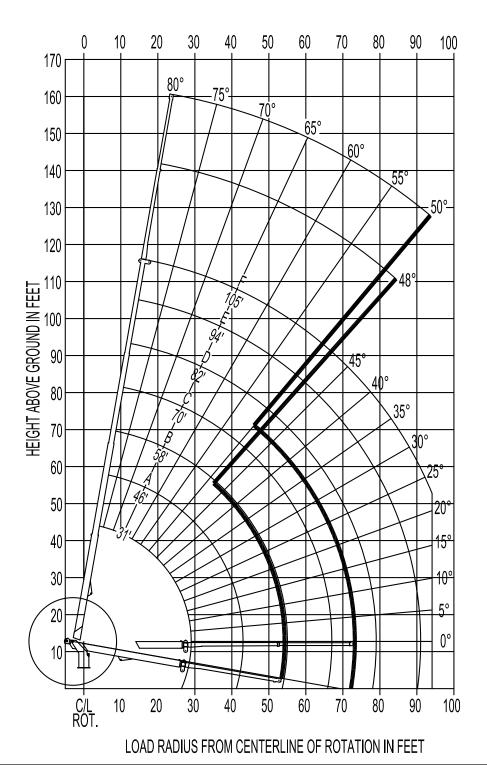
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RANGE CHART - MAIN BOOM + JIB, FULL-SPAN OUTRIGGERS

RANGE DIAGRAM WITH FULL SPAN OUTRIGGERS



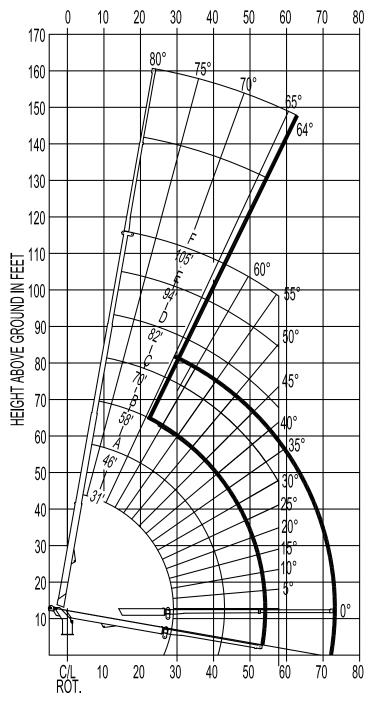


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RANGE CHART - MAIN BOOM + JIB, MID-SPAN OUTRIGGERS

RANGE DIAGRAM WITH OUTRIGGERS AT MID-SPAN POSITION



LOAD RADIUS FROM CENTERLINE OF ROTATION IN FEET



Elliott Equipment Company Phone: 402-592-4500 4427 South 76th Circle Omaha, NE 68127

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



TRUCK CHASSIS SPECIFICATIONS

	30105R BoomTruck
Wheelbase (WB)	256" / 650 cm
Cab to Trunnion (CT)	192" / 488 cm
Cab to End of Frame (EOF)	286" / 726 cm
Frame Section Modulus	30.0 in3-110,000 psi
Front Axle Gross Weight Rating	20,000 lb / 9072 kg
Rear Axle Gross Weight Rating	40,000 lb / 18 144 kg
Integral Front Frame Rails	Required for Front Stabilizer

Chassis data is minimum general requirements-not for engineering.

Actual dimensions and truck data will depend on truck selection and axle configuration.

OPTIONS



Radio Remote Control

Interference protected radio remotes let you get closer to your work and have full control over your machine. Includes battery charging feature and optional LMI screen.



Pin-On Jib Attachments

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



Hydraulic Oil Cooler

Add a bed-mounted hydraulic oil cooler to assist with high duty cycle job applications.



Digger / Auger Attachment

Dig faster and deeper with Elliott's auger attachment, offering 44' of digging range and a hydraulically powered auger that stows on the boom.



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 install a 2-3 part hook block or a 4 part-hook block to improve lifting capabilities. The block can be stored at the rear of the bed.



Gravity Leveled Basket

Elliott's pin-on work platform pins onto the boom or jib for easy installation and removal. Gravity leveling and mechanical rotation makes it a great accessory for any worksite.



Body Mounted Hose Reels and Circuits

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



Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127



^{*}Minimum chassis weight is required to meet 85% stbility requirements.

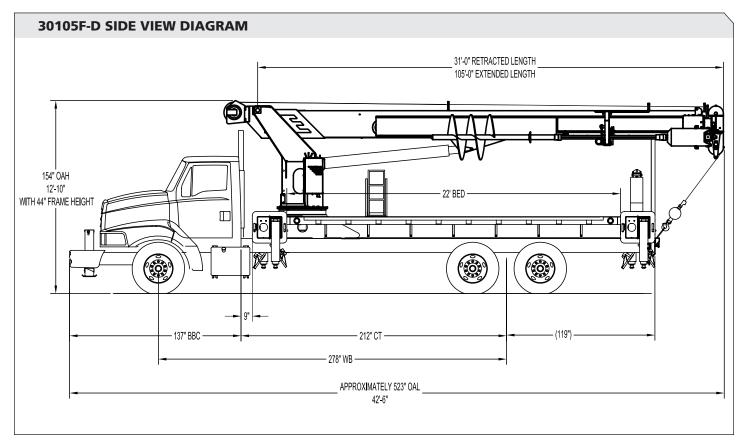
BoomTruck[™] 30105F-D

TECHNICAL SPECIFICATIONS









• Maximum Vertical Reach 162'/49 m

• Working Area 180 Degrees Standard (360 Optional)

 Lifting Capacity 60,000 lbs/27 216 kg

• Crane Weight (Standard) 29,785 lbs/13 510 kg

 Jib Lengths 26', 26-45'/ 8-14 m

• Winch Bare Drum Pull 12,800 lbs/5806 kg

 Hydraulic Digger Radius 44'/13,4 m Powered Boom Sections

• Overall Height 13'/4 m

 Operator Controls **Rotating Standup**

 Outrigger Type Front Out-Down

 Outrigger Spread Front 20'/6 m

• Outrigger Type Rear Out-Down

 Outrigger Spread Rear 20'/6 m



Boom Length

Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127

Phone: 402-592-4500 Fax: 402-592-4553 Email: sales@elliottequip.com

105′/32 m



4

TECHNICAL SPECIFICATIONS

Crane Capacity: 60,000 lbs at 5' load radius.

Maximum Tip Height: 117' height (162' with optional 45' jib)

Control Console: Rotating turret single operator standup control station equipped with four single axis control levers for the main crane controls. Operator station includes LMI display, 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: Four-section fully proportional, high strength steel plated rectangular tube sections. A maximum boom tip height of 117' 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. The winch brake is spring applied, pressure release design. Supplied with 425' of 9/16" diameter rotation resistant wire rope with a single line pull of 9,060 pounds, and a downhaul ball with swivel hook for single part line.

Auger System: 20,000 lb. automatic two-speed auger with 2 5/8" hex drive mounted at end of boom. Auger equipped with a 2 5/8" Kelly bar (auger extension bar) able to accept 24", 36", or 48" flightings. Auger and flighting to be stowed on side of boom from controls operated at main control station. Up to a 36" flighting to be stowed during transport. The auger provides a 44' digging radius. Auger will be provided with alternate radio remote control

system with integral LMI display in radio transmitter.

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 warning and shut-off functions to limit hook-boom point contact.

Outriggers: Two sets of out and down overframe outriggers with 20' span. Outriggers are configured for full span or mid span operation. Outriggers equipped with ball socket aluminum removable pads that stow on vertical outrigger legs. Front stabilizer provides 360 degree area of operation.

Frame: Full length, all welded rigid 4-plate design sub-frame. Sub-frame allows for bolt-on addition of 22' 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 onepiece weldment. Turret rotates on large diameter ball bearing.

Rotation: Hydraulic motor drives turret through double reduction planetary swing drive for 372-degree noncontinuous rotation.

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.

Oil Tank Capacity: 120 gallon mounted to truck frame on streetside.

Cab Equipment: PTO switch 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. Top of bed painted with black nonskid surface.

Bumper: Bureau of Motor Carrier Safety rear bumper.

Weight: Approximately 29,785 lbs. with 22' steel-floor bed less truck.

Truck Chassis Required: Approx. 204" C.T. RBM 3,300,000 in-lb. per rail, 20,000 lb. front axle and 60,000 lb. GVWR required. Trucks must have front frame extension, 12V electrical system with high capacity alternator, cab clearance stop/tail/backup lights, and I.D. lamps. Recommended GVWR is minimum for BoomTruck with flatbed only. Contact factory when additional equipment is to be added.

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





LOAD CHART - MAIN BOOM + DIGGER, FULL-SPAN OUTRIGGERS



MODEL 3000 105-ft BOOM WITH DIGGER

LOAD RATINGS LOAD RATINGS NIDS WITH OUTRIGGERS AND STABILIZERS EXTENDED								
LOADED RADIUS BOOM NAIGLE A LOADED BOOM NAIGLE S8-61								
RADUIS BOOM ANGLE AS-fit AS-f	ERS EXTENDED							
N FEET ANGLE 31-ft ANGLE 46-ft ANGLE 58-ft ANGLE 70-ft ANGLE 82-ft ANGLE 94-ft ANGLE 105-ft 105-f	E JIB							
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65 16.1 2,850 35.9 2,900 45.4 2,900 51.1 2,500 LOADLINE EQUIPMENT DEDUCTION:	3:							
70 30 2,450 40.7 2,300 47.4 1,900 DOWNHAUL WEIGHT180 lbs	;							
75 19.9 1,750 35.6 1,500 43.5 1,400 ONE SHEAVE BLOCK	;							
80 29.7 500 39.2 1,000 TWO SHEAVE BLOCK	S							
85 22.3 100 34.3 700 TUDES SUENZE DI COX 870 II								
90 29.1 400 THREE SHEAVE BLOCK	s							
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050 000 450 400 050 050 050 050 050 050								
DEDUCTIONS FOR 850 850 400 430 440 350 350 250								
1-PART LINE 2-PART LINE 3-PART LINE 4-PART LINE 5-PART LINE 6-PART LINE 7-PART LINE 1	OTICE T DEADHEAD LINE							
The state of the s	GAPET BOOM TP TEENTS BOOM IT LEASTS WAAPS INE ON THE WINCH TAT ALL THES. LY SHIFD DAMETER PPE, AS SPECHED WITH THE PROPER BUS STRENGTHS US STRENGTHS VOELOCK SYSTEM T BE IN GOOD							
MAX PULL: 9,600 lbs 19,200 lbs 28,800 lbs 38,400 lbs 48,000 lbs 57,600 lbs 60,000 lbs 60,000 lbs MAX PULL: 9,060 lbs 18,120 lbs 27,180 lbs 36,240 lbs 45,300 lbs 54,360 lbs 60,000 lbs 60,000 lbs	TING CONDITION DEFRATING CRANE RATION & SAFETY MANUAL							



Elliott Equipment Company Phone: 402-592-4500 4427 South 76th Circle Fax: 402-592-4553 Omaha NF 68127 Fmail: sales@elliottegu Omaha, NE 68127

Email: sales@elliottequip.com



LOAD CHART - MAIN BOOM + DIGGER, MID-SPAN OUTRIGGERS

MAIN BOOM LOAD RATINGS



MODEL 3000 105-ft BOOM WITH DIGGER

MAIN BOOM LOAD RATINGS WITH OUTRIGGERS AT MID-SPAN POSITION

				IV	IAIN	BOOM	ILUA	U KA	IIIVG	<u> </u>				
LOAD RATINGS IN Ibs WITH OUTRIGGERS AND STABILIZERS EXTENDED														
LOAD RADUIS IN FEET	LOADED BOOM ANGLE	31-ft	LOADED BOOM ANGLE	A 46-ft	LOADED BOOM ANGLE	B 58-ft	LOADED BOOM ANGLE	C 70-ft	LOADED BOOM ANGLE	D 82-ft	LOADED BOOM ANGLE	E 94-ft	LOADED BOOM ANGLE	F 105-ft
5	80	58,650												
6	78	46,650												
8	74.2	37,250	79.2	31,050										
10	70.3	30,650	76.6	27,050										
12	66.2	26,150		25,050		24,550								
14	62	19,950	71.3	23,050	75.4	22,950	78	21,050						
16	57.6	18,150		19,050		19,250		19,750		16,950				
18	52.9	14,450	65.8	14,850	71.1	15,850		15,650	76.9	16,050	78.6	14,500		
20	48.9	10,850	_	12,050		12,550		12,750		13,350	77.3	13,100		
22	42.3	8,150	60	9,550	66.8	10,250	71	10,350		10,650	76.1	10,500	78	7,950
25	33.8	6,450	55.3	7,250	63.5	7,550	68.7	8,100	72	8,250	74.2	8,500	76.1	7,950
30			46.9	4,950	58.1	5,350	64.2	5,500	68.3	5,650	71.2	5,900	73.2	6,050
35			37.8	3,050	51.8	3,550	59.4	3,700	64.4	3,850	67.9	4,100	70.3	4,250
40			24.3	1,850	44.9	2,350	54.4	2,500	60.3	2,650	64.5	2,800	67.4	2,950
45					36.9	1,450	49	1,600	56.1	1,750	61	1,900	64.3	2,050
50					26.7	700	43.1	900	51.7	1,050	57.4	1,200	61.2	1,350
55							36.3	350	46.9	500	53.6	650	58	750
60									41.7	100	49.6	200	54.6	300
	0	3,850	0	1,250										
DEDUCTIO		850		600		450		400		350		300		250
STOWED	JIB (lbs)	550		350		300		250		200		150		150

		JIE	LOA	D RAT I N	GS	
	LOAI	RATINGS IN Ibs	WITH OUT	RIGGERS AND ST	ABILIZERS	EXTENDED
	26-ft FIXE	ED LENGTH JIB		26-45 ft EXTE	NDABLE JII	3
LOAD RADUIS IN FEET	LOADED BOOM ANGLE	26-ft JIB	LOADED BOOM ANGLE	26-ft JIB RETRACTED	LOADED BOOM ANGLE	45-ft JIB EXTENDED
30	78.7	4,750	78.5	4,500		
35	76.5	4,350	76.3	4,100	77.4	2,600
40	74.3	3,950	74.1	3,600	75.4	2,500
45	72	2,950	71.7	2,700	74	2,400
50	69.5	2,200	69.3	1,900	72.2	2,250
55	67.1	1,550	66.8	1,300	70.3	2,000
60	64.6	1,050	64.3	800	68.3	1,450
65					66.2	1,050
70	·			64.2	750	

ELLIOTT EQUIPMENT CO. SUPPLIED LOADLINE EQUIPMENT DEDUCTIONS: DOWNHAUL WEIGHT180 lbs ONE SHEAVE BLOCK......375 lbs TWO SHEAVE BLOCK......640 lbs THREE SHEAVE BLOCK......870 lbs AUXILIARY SHEAVE......100 lbs

> DEDUCTIONS FOR STOWED EXTENDABLE JIB (lbs) DEDUCTIONS FOR STOWED FIXED LENGTH JIB (lbs)

1-PART LINE	2-PART LINE	3-PART LINE	4-PART LINE	5-PART LINE	6-PART LINE	7-PART 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 9/16" DIAMETER WIRE ROPE, AS SPECIFIED BELOW, WITH THE PROPER BREAKING STRENGTHS
mod_						Š	LISTED. - ANTI-TWO-BLOCK SYSTEM MUST BE IN GOOD OPERATING CONDITION BEFORE OPERATING CRANE. SEE OPERATION & SAFETY MANUAL.
MAX PULL: 9,600 lbs	19,200 lbs	28,800 lbs	38,400 lbs	48,000 lbs	57,600 lbs	60,000 l bs	9/16" - 6 x 37 IWRC (3.5:1 S.F.) 33,600-lbs. BREAKING STRENGTH
MAX PULL: 9,060 lbs	18,120 lbs	27,180 lbs	36,240 lbs	45,300 lbs	54,360 lbs	60,000 lbs	9/16" - SPIN RESISTANT (5:1 S.F.) 45,300-lbs. BREAKING STRENGTH
CRANE MEETS AS	SME B30.5 REQUIREMENTS AT	TIME OF MANUFACTURE			DO NOT PAIN	T OVER ANY LABELS	1148880 111308



Elliott Equipment Company Phone: 402-592-4500
4427 South 76th Circle Fax: 402-592-4553 Omaha, NE 68127

Email: sales@elliottequip.com

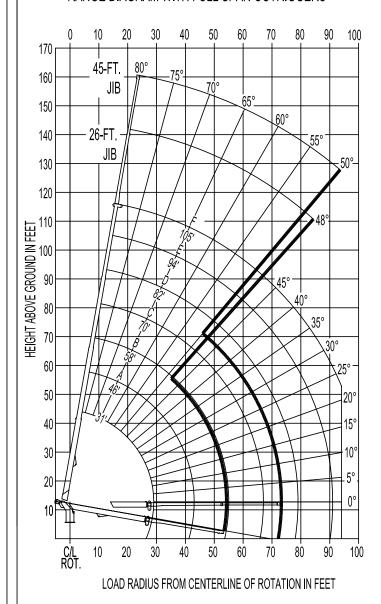


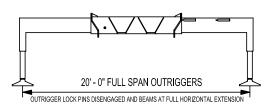
RANGE CHART - MAIN BOOM + JIB, FULL-SPAN OUTRIGGERS



MODEL 3000 105-ft BOOM WITH DIGGER

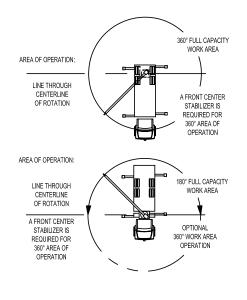
RANGE DIAGRAM WITH FULL SPAN OUTRIGGERS

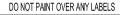




NOTE:

- 1. Operate jib by radius when main boom is full 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.





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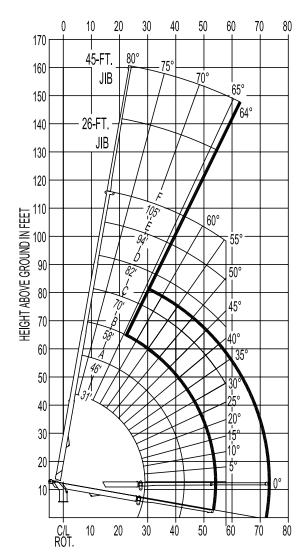
RANGE CHART - MAIN BOOM + JIB, MID-SPAN OUTRIGGERS



MODEL 3000 WITH DIGGER

105-ft BOOM

RANGE DIAGRAM WITH OUTRIGGERS AT MID-SPAN POSITION

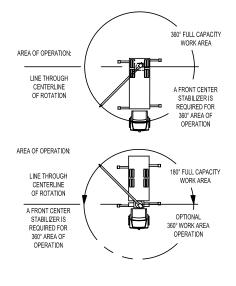


LOAD RADIUS FROM CENTERLINE OF ROTATION IN FEET



NOTE:

- Operate jib by radius when main boom is full 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.
- 3. Capacities do not exceed stability based on ISO 4305-1991.
- 4. Load ratings above bold line are structurally limited.
- 5. 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.



DO NOT PAINT OVER ANY LABELS

1148880

111308

ELLIOTTEQUIPMENT COMPANY

Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127



TRUCK CHASSIS SPECIFICATIONS

	30105F-D BoomTruck
Wheelbase (WB)	268" / 681 cm
Cab to Tandem (CT)	204" / 518 cm
Cab to End of Frame (EOF)	334" / 594 cm
Frame Section Modulus	30.0 in3-110,000 psi
Front Axle Gross Weight Rating	20,000 lb / 9,071 kg
Rear Axle Gross Weight Rating	40,000 lb / 18,143 kg
Integral Front Frame Rails	Required for Front Stabilizer

OPTIONS



Hydraulic Pole Claw

Combine Elliott's digger system with a hydraulic pole claw to dig holes and place poles with a single machine.



Pin-On Jib Attachments

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



Continuous Boom Rotation

Add the convenience of 360 degree continuous rotation by adding a special boom rotation bearing for swinging without stops.



Hydraulic Digger / Auger

Dig faster and deeper with Elliott's selection of auger flightings up to 48" in diameter that provide an industry-leading 44' digging radius and more power out of the hole.



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 install a 2-3 part hook block or a 4 part-hook block to improve lifting capabilities. The block can be stored at the rear of the



Gravity Leveled Basket

Elliott's pin-on work platform pins onto the boom for easy installation and removal. Gravity leveling and mechanical rotation makes it a great accessory for any worksite.



Body Mounted Hose Reels and Circuits

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



Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127



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% stbility requirements

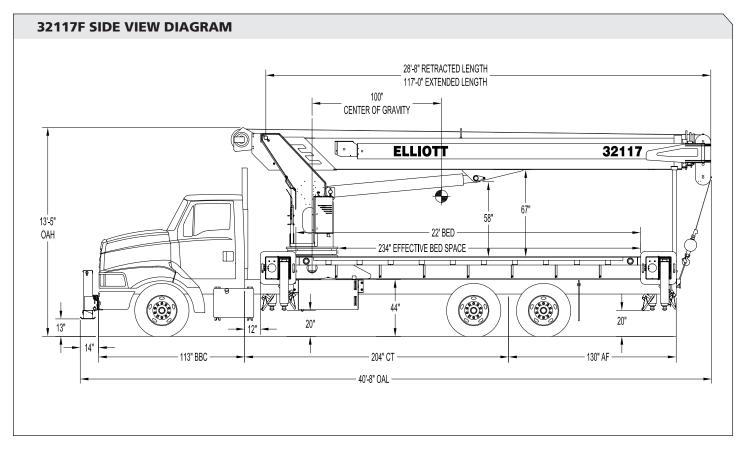
BoomTruck 32117F

TECHNICAL SPECIFICATIONS









• Maximum Vertical Reach 153'/46,6 m

• Working Area 180 Degrees Standard (360 Optional)

 Lifting Capacity 64,000 lbs/29 030 kg

• Crane Weight (Standard) 30,800 lbs/13 971 kg

 Jib Lengths 24'/ 7,3 m

• Winch Bare Drum Pull 12,800 lbs/5806 kg • Powered Boom Sections

• Overall Height

13'5"/4,1 m

5

 Operator Controls Single-Side Rotating Standup

• Outrigger Type Front Out-Down

 Outrigger Spread Front 20'/6 m

• Outrigger Type Rear Out-Down

• Outrigger Spread Rear 20'/6 m



Boom Length

Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127

Phone: 402-592-4500 Fax: 402-592-4553 Email: sales@elliottequip.com

117'/35,6 m



TECHNICAL SPECIFICATIONS

Crane Capacity: 64,000 lbs at 5' load radius.

Maximum Tip Height: 129' height (153' with optional 24' jib)

Control Console: Rotating turret single operator standup control station equipped with four single axis control levers for the main crane controls. Operator station includes LMI display, 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. A maximum boom tip height of 129' 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 425' of 9/16" diameter rotation resistant wire rope with a single line pull of 9,060 pounds, 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 warning and shut-off functions to limit hook-boom point contact.

Outriggers: Two sets of out and down overframe outriggers with 20' span. Outriggers are configured for full span or mid span operation. Outriggers equipped with ball socket aluminum removable pads that stow on vertical outrigger legs.

Frame: Full length, all welded rigid 4-plate design sub-frame. Sub-frame allows for bolt-on addition of 22' 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 onepiece weldment. Turret rotates on large diameter ball bearing.

Rotation: Hydraulic motor drives turret through double reduction planetary swing drive for 372-degree noncontinuous rotation.

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.

Oil Tank Capacity: 120 gallon mounted to truck frame on roadside.

Cab Equipment: PTO switch 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. Top of bed painted with black nonskid surface.

Bumper: Bureau of Motor Carrier Safety rear bumper.

Weight: Approximately 30,800 lbs. with 22' steel-floor bed less truck.

Truck Chassis Required: Approx. 204" C.A. RBM 3,300,000 in-lb. per rail, 20,000 lb. front axle and 60,000 lb. GVWR required. Trucks must have front frame extension, 12V electrical system with high capacity alternator, cab clearance stop/tail/backup lights, and I.D. lamps. Recommended GVWR is minimum for BoomTruck with flatbed only. Contact factory when additional equipment is to be added.

Options:

24' Fixed Jib.

Radio Remote Controls.

Gravity-Leveled and Rotating Steel Basket.

Tool Box Configurations.

Front Jack for 360 Degree Crane Operation.

Much More...

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





LOAD CHART - MAIN BOOM, FULL-SPAN OUTRIGGERS



DO NOT PAINT OVER ANY LABELS

MODEL 3200 117-ft BOOM

MAIN BOOM LOAD RATINGS WITH FULLY EXTENDED OUTRIGGERS

	MAIN BOOM LOAD RATINGS LOAD RATINGS IN 16% WITH OUTRIGGERS AND STABILIZERS EXTENDED																	JI	B LOAI	D RATINGS	
				LOAD R	atings	IN Ibs WIT	TH OUTF	RIGGERS	AND STA	ABILIZERS	S EXTEN	DED					LO.	AD RATING	GS IN lbs WITH	OUTRIGGERS	
LOAD RADUIS IN FEET	LOADED BOOM ANGLE	28-ft	LOADED BOOM ANGLE	A 42-ft	LOADED BOOM ANGLE	B 57-ft	LOADED BOOM ANGLE	C 72-ft	LOADED BOOM ANGLE	D 87-ft	LOADED BOOM ANGLE	E 102-ft	LOADED BOOM ANGLE	F 117-ft					TABILIZERS EX	KTENDED	
5	80	64.000	701022	72 11	THOLL	01 10	THOLL	7211	MIOLE	07 11	THOLL	102 11	THOLL	117 10		ŀ		FIXED LEN			
6		54,000															LOAD RADUIS	LOADED BOOM	24-ft JIB		
8		42,000															IN FEET	ANGLE			
10	69	35,000	76.5	28,000													35	79 77	4,000 3,900		
12	64	30,000	73.5	27,500	78.5	25,000											40	75	3,750		
14	59	26,500		25,000		23,600		20.000									45	73	3,450		
16		23,600		22,800		22,200		19,000									50	71	3,450		
18	47.5	20,000		,		20,600		18,200		16,100						ŀ	55	68.5	2,650		
20	41	16,500	61	18,000		19,100	75	17,000		14,500						ŀ	60	66.5	2,350		
25			52	14,000	_	14,300	71	14,000		13,000		11,800		7,200			65	64	2,050		
30			42	10,000		10,950	66	11,000		11,200	75	10,200		7,200			70	62	1,850		
35					52	8,650	62	8,800	68	8,850	72	8,900	75	7,200		i	75	59.5	1,650		
40								7,200		ŀ	80	57	1,450								
45					36.5	5,600	52	5,800	60	5,900	65.5	5,950	69.5	6,000			85	54.5	1,150		
50							46	4,750		4,850	_	4,900	67	4,950			90	51.5	800		
55							40	3,900		4,000	59	4,000	64	4,100		İ	95	48.5	500		
60							32	2,800	47	3,200	55.5	3,250	61	3,250				NOTIC).F		
70								2,750 2,150		- DO NOT D			J∟ _OCK AGA I NS	T ROOM TIP							
75									29.5	1,400	47.5	1,600	51.5	1,650			WHEN	EXTEND	ING BOOM.	N THE WINCH	
80									29.0	1,400	38.5	1,000	47.5	1,200			DR	UM AT AL	L TIMES.		
85											33.5	800	44	800				PROPER	MIRE ROPE, A BREAKING S		
90											33.3	000	40	500					EM MUST BE I		
30	0	8.500	0	4.700	0	2.600							70	000					RE OPERATIN FETY MANUAL	G CRANE. SEE -	
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	DUCTIONS FOR TOWED JIB (lbs) 550 350 300					250		200		150		100		LENGTH JIB (lbs)		ELLI	OTT EQU I P	MENT CO. SUPPLIED)		
1-P.	1-PART LINE 2-PART LINE 3-PART LI				LINE	4 - F	PART L	INE	5-P	ART LII	NE	6-PAF	RT LINE	7-PART L	INE			IPMENT DEDUCTION			
										ı 🗇		ıΓ	ì					EIGHT180 lb			
WEIGHT	Ū		7	7		<u>.</u>	l							7	;} │)			LOCK375 lb	
OWNHAUL)	1		ı			4/						1/		ŀ	7	/				BLOCK640 lt	
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	Ŷ		ļ	J			'		8					f	. <i>J</i> \$			AUX	ILIARY SHE	EAVE100 I	bs
_	MAX PULL: 9,060 lbs 18,120 lbs						lbs		36,240 lb)S		45,300 lbs		54,	360 lbs	64,000 I b	S		9/16" - SPIN R 45,300-lbs, BR	ESISTANT (5:1 S.F.) EAKING STRENGTH	J
CRAN	MEETS	ASME B30	5 REQUI	REMENTS	AT TIME (OF MANUF	ACTURE														



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Email: sales@elliottequip.com



LOAD CHART - MAIN BOOM, MID-SPAN OUTRIGGERS



MODEL 3200 117-ft BOOM

MAIN BOOM LOAD RATINGS WITH OUTRIGGERS AT MID-SPAN POSITION

	MAIN BOOM LOAD RATINGS LOAD RATINGS IN IDS WITH OUTRIGGERS AND STABILIZERS EXTENDED														J	IB L	OAD	RATING	SS.
1015											Louren	-			LOA	AD RATI	NGS IN lbs	WITH OUTRIGG	SERS
LOAD RADU I S	LOADED BOOM		LOADED BOOM	A	LOADED BOOM	В	LOADED BOOM	C	LOADED BOOM	D	LOADED BOOM	E	LOADED BOOM	F				ERS EXTENDED	
IN FEET	ANGLE	28 - ft	ANGLE	42-ft	ANGLE	57-ft	ANGLE	72-ft	ANGLE	87-ft	ANGLE	102 - ft	ANGLE	117-ft	2	24-ft F	IXED LE	NGTH JIB	
5	80	64,000														OAD	LOADED	24-ft	
6	78	54,000														ADU I S FEET	BOOM ANGLE	JIB	
8	73.5	42,000														30	79	4,000	1
10	69	35,000	76.5	28,000												35	77	3,900	1
12	64	30,000	73.5	27,500	78.5	25,000									_	40	75	2,850	1
14	59	26,500	70.5	25,000	76.5	23,600	80	20.000								45	73	1,850	1
16	53.5	21,700	67.5	22,500	74.5	22,200	78.5	19,000								50	71	1,100	1
18	47.5	16,800	64.5	17,500	72.5	18,000	77	18,200	80	16,100						55	68.5	500	-
20	41	13,500		14,000	70	14,500	75	14,800	78	14,500					'	00	00.0	300	
25		•	52	8,800	64.5	9,200	71	9,400	75	9,500	78	9,500	79	7,200			NOTIO	Œ	
30			42	5,800	58	6,150	66	6,300	71.5	6,400	75	6,450	77	6,500	- DO N	NOT DEA	ADHEAD L I I	NE BLOCK AGA I N	NST
35					52	4,200	62	4,350	68	4,450	72	4,500	75	4,550	- KE	EP AT LE	EAST 5 WR	TENDING BOOM. APS OF LOADLIN	NE
40					45	2,850	57	3,000	64	3,100	69	3,150	72.5	3,150	- USI	E ONLY	9/16" D I AM	M AT ALL TIMES. ETER WIRE ROP WITH THE PROP	PE,
45					36.5	1,800	52	2,000	60	2,100	65.5	2,100	69.5	2,150		BREAK	NG STREN	WITH THE PROP GTHS L I STED. STEM MUST BE	
50						,	46	1,200	56	1.300	62.5	1,350	67	1.350	GOO	DD OPER	RATING CO	NDITION BEFOR	RE
	0	5,000	0	2,000				,		,		,		,			SAFETY MA	NUAL.	
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	•	<u> </u>	<u>š</u>		8		8		8		8		6	8				ANT (5:1 S.F.)	00 lbs
MAX PULL:	9,060 lbs	18,12	20 lbs	2	7,180 lbs		36,240 lbs		45,300	bs	54,360) lbs	64,	000 lbs				G STRENGTH	

CRANE MEETS ASME B30.5 REQUIREMENTS AT TIME OF MANUFACTURE

DO NOT PAINT OVER ANY LABELS

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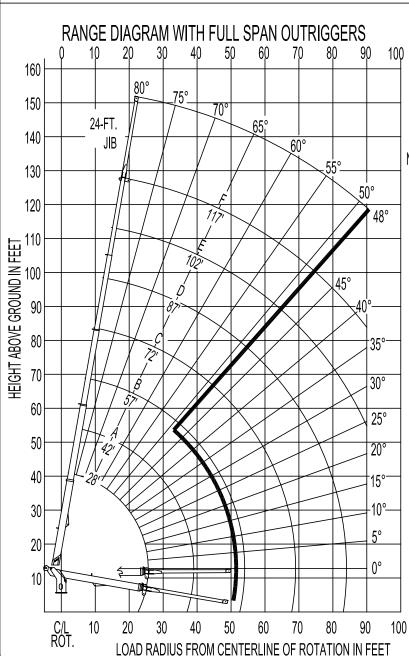
Email: sales@elliottequip.com



RANGE CHART - MAIN BOOM + JIB, FULL-SPAN OUTRIGGERS



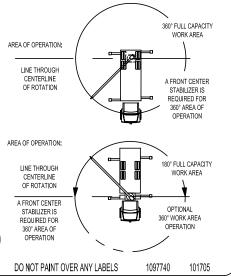
MODEL 3200 117-ft BOOM





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 angle. 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.





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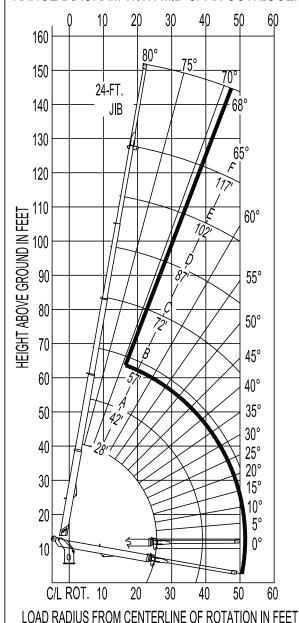


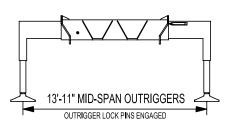
LOAD CHART - MAIN BOOM + JIB, MID-SPAN OUTRIGGERS



MODEL 3200 117-ft BOOM

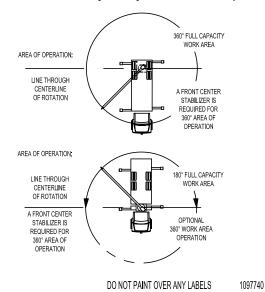
RANGE DIAGRAM WITH MID-SPAN OUTRIGGERS





NOTE:

- 1. Operate jib by radius when main boom is full 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.
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- 5. Personnel handling is allowed only with full span outriggers.
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4427 South 76th Circle

Omaha, NE 68127

TRUCK CHASSIS SPECIFICATIONS

	32117F BoomTruck
Wheelbase (WB)	268" / 681 cm
Cab to Tandem (CT)	204" / 518 cm
Cab to End of Frame (EOF)	334" / 594 cm
Frame Section Modulus	30.0 in3-110,000 psi / 492 cm3-758,428 kPa
Front Axle Gross Weight Rating	20,000 lb / 9071 kg
Rear Axle Gross Weight Rating	40,000 lb / 18 143 kg
Integral Front Frame Rails	Required for Front Stabilizer

OPTIONS



Radio Remote Control

Interference protected radio remotes let you get closer to your work and have full control over your machine. Includes battery charging feature and optional LMI screen.



Pin-On Jib Attachment

One piece fixed jib that stow on the side of the boom for easy placement while on the worksite.



360 Degree Area of Operation

Add the convenience of 360 degree area of operation by adding a front stabilizer for working around the entire crane.



Hydraulic Oil Cooler

Add a bed-mounted hydraulic oil cooler and fan to assist with high duty cycle job applications. A "must" for hot weather environments



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 install a 4 part hook block or a 7-8 part-hook block to improve lifting capabilities. The block can be stored at the rear of the



Gravity Leveled Basket

Elliott's pin-on work platform pins onto the boom for easy installation and removal. Gravity leveling and mechanical rotation makes it a great accessory for any worksite.



Body Mounted Hose Reels and Circuits

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



Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127



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% stbility requirements.

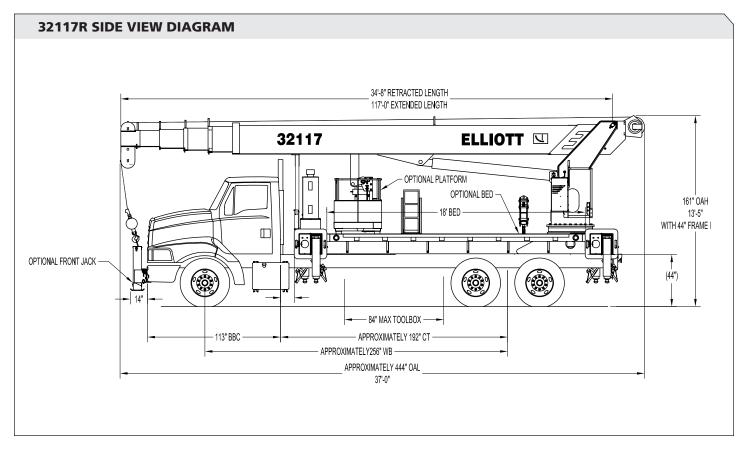
BoomTruck[™] 32117R

TECHNICAL SPECIFICATIONS









• Maximum Vertical Reach 153'/46,6 m

• Working Area 180 Degrees Standard (360 Optional)

 Lifting Capacity 64,000 lbs/29 030 kg

• Crane Weight (Standard) 30,800 lbs/13 971 kg

 Jib Lengths 24'/ 7,3 m

• Winch Bare Drum Pull 12,800 lbs/5806 kg • Powered Boom Sections

Outrigger Type Front

Overall Height

13'5"/4,1 m

Out-Down

5

 Operator Controls Single-Side Rotating Standup

 Outrigger Spread Front 20'/6 m

• Outrigger Type Rear Out-Down

 Outrigger Spread Rear 20'/6 m



Boom Length

Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127

Phone: 402-592-4500 Fax: 402-592-4553 Email: sales@elliottequip.com

117'/35,6 m



TECHNICAL SPECIFICATIONS

Crane Capacity: 64,000 lbs at 5' load radius.

Maximum Tip Height: 129' height (153' with optional 24' jib)

Control Console: Rotating turret single operator standup control station equipped with four single axis control levers for the main crane controls. Operator station includes LMI display, 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. A maximum boom tip height of 129' 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 425' of 9/16" diameter rotation resistant wire rope with a single line pull of 9,060 pounds, 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 warning and shut-off functions to limit hook-boom point contact.

Outriggers: Two sets of out and down overframe outriggers with 20' span. Outriggers are configured for full span or mid span operation. Outriggers equipped with ball socket aluminum removable pads that stow on vertical outrigger legs.

Frame: Full length, all welded rigid 4-plate design sub-frame. Sub-frame allows for bolt-on addition of 18' 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 onepiece weldment. Turret rotates on large diameter ball bearing.

Rotation: Hydraulic motor drives turret through double reduction planetary swing drive for 372-degree noncontinuous rotation.

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.

Oil Tank Capacity: 120 gallon mounted to truck frame on roadside.

Cab Equipment: PTO switch 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. Top of bed painted with black nonskid surface.

Bumper: Bureau of Motor Carrier Safety rear bumper.

Weight: Approximately 30,800 lbs. with 18' steel-floor bed less truck.

Truck Chassis Required: Approx. 204" C.A. RBM 3,300,000 in-lb. per rail, 20,000 lb. front axle and 60,000 lb. GVWR required. Trucks must have front frame extension, 12V electrical system with high capacity alternator, cab clearance stop/tail/backup lights, and I.D. lamps. Recommended GVWR is minimum for BoomTruck with flatbed only. Contact factory when additional equipment is to be added.

Options:

24' Fixed Jib.

Radio Remote Controls.

Gravity-Leveled and Rotating Steel Basket.

Tool Box Configurations.

Front Jack for 360 Degree Crane Operation.

Enclosed Control Cab with Heating and Air Conditioning.

Winch Drum Rotation Indicator.

Work Area Definition System (WADS).

Much More...

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



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LOAD CHART - MAIN BOOM, FULL-SPAN OUTRIGGERS



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MODEL 3200 117-ft BOOM

MAIN BOOM LOAD RATINGS WITH FULLY EXTENDED OUTRIGGERS

	MAIN BOOM LOAD RATINGS														JIB LOAD RATINGS				3	
				LOAD R	ATINGS	IN Ibs WIT	TH OUTF	RIGGERS	AND STA	ABILIZERS	S EXTEN	DED					LOAD RA	ATINGS IN Ibs WITH	OUTRIGGERS	
LOAD RADUIS IN FEET	LOADED BOOM ANGLE	28-ft	LOADED BOOM ANGLE	A 42-ft	LOADED BOOM ANGLE	B 57-ft	LOADED BOOM ANGLE	C 72-ft	LOADED BOOM ANGLE	D 87-ft	LOADED BOOM ANGLE	E 102-ft	LOADED BOOM ANGLE	F 117-ft				ND STABILIZERS E	XTENDED	
5		64,000	ANOLL	72-11	ANGLL	01-IL	ANOLL	7271	ANOLL	01-11	ANOLL	102-11	ANOLL	1117-11	-	L		D LENGTH JIB		
6		54,000													1	RA	ADUIS BOO	OM 27-11		
8	73.5	42,000													1	<u> </u>	30 79	LE VIII		
10	69	35,000	76.5	28,000]		35 77	7		
12		30,000		27,500]	<u> </u>	40 75			
14		26,500		25,000		23,600		20.000]	_	45 73			
16		23,600				22,200	78.5	19,000]		50 71	-, -,		
18		20,000		20,400		20,600	77	18,200		16,100					1		55 68			
20	41	16,500	61	18,000		19,100	75	17,000		14,500					1		60 66			
25			52	14,000		14,300	71	14,000		13,000		11,800		7,200	1		65 64	- /		
30			42	10,000		10,950		11,000		11,200		10,200		7,200	1	_	70 62	-		
35					52	8,650		8,800	68	8,850	72	8,900	75	7,200	1	<u> </u>	75 59	,		
40					45	7,000	57	7,100	64	7,200	69	7,250	72.5	7,200	1	-	80 57			
45					36.5	5,600	52	5,800	60	5,900	65.5	5,950	69.5	6,000	1	1	85 54			
50								4,750	56	4,850	62.5	4,900	67	4,950	1	[90 51	.5 800		
55 60								3,900		4,000	59	4,000	64	4,100	1	(95 48	3.5 500		
65							32 22.5	2,800 2,400	47 42	3,200		3,250 2,750	61 58	3,250 2,750		•	NΩ	TICE	•	
70							22.5	2,400	36	2,600 2,000		2,750	54.5	2,750	-	- DO NOT DEA		IE BLOCK AGAINS	ST BOOM TIP	
75										1,400	47.5	1,600	51.5	1,650	-	,	WHEN EXT	ENDING BOOM. S OF LOADLINE C		
80									29.5	1,400	38.5	1,000	47.5	1,200	1		DRUM A	T ALL TIMES.		
85											33.5	800	44	800	1		THE PRO	ER WIRE ROPE, A PER BREAKING S		
90											33.3	000	40	500	1		D-BLOCK S	ISTED. YSTEM MUST BE		
30	0	8,500	0	4,700	0	2,600							10	1000	1	OPERATING CON OPI		EFORE OPERAT I N & SAFETY MAN <mark>I</mark> UA		
DEDUCTIO STOWED	NS FOR	550			100		IONS FOR STOWED LENGTH JIB (Ibs)		LUOTT FOUI	PMENT CO, SUPPLI	IED									
	. (7	u= /	D 4 C-	TILDUT	\perp	0.0407	LINIT	1 4 -) 	INIT		MDT ! !!		0.04					JIPMENT DEDUCTION	
1 - P/	ART LII	NE 2	2-PAR	T LINE		3-PART	LINE	4-	PART L	.INE	5 - P	ART LIN	VE	6-PAI	RT LINE	7-PART LIN	IC "		EIGHT180	
	\Box		Ĺ	Ì						Ü		ſĹ	Ï				BLOCK375			
WEIGHT	Θ		Ţ.	ł		÷							7	id						
WNHAUL	1		1			- I∕I					[{//	- 1		BLOCK640					
[<u>, </u>		2	!		쀘	- 炒			THREE SHEAVE BLOCK870 lbs										
	~ <u>`</u>			<i>J</i>	\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\					AUXILIARY SHEAVE100 lbs				U IDS						
	LL: 9,060		18,12		AT TIME /	27,180 OF MANUF			36,240 li	os		45,300 lbs		54	,360 lbs	64,000 l bs		9/16" - SPIN F 45,300-lbs. BF	RESISTANT (5:1 S.F.) REAKING STRENGTH	



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LOAD CHART - MAIN BOOM, MID-SPAN OUTRIGGERS



MODEL 3200 117-ft BOOM

MAIN BOOM LOAD RATINGS WITH OUTRIGGERS AT MID-SPAN POSITION

						BOON									JIB LOAD RATINGS			
LOAD	LOADED		LOADED	LOAD RA	LOADED	bs WITH OUT	LOADED BOOM	AND STABI	LOADED	TENDED D	LOADED	Е	LOADED	F	LOAD RATINGS IN Ibs WITH OUTRIGGERS AND STABILIZERS EXTENDED			
RADUIS IN FEET	BOOM ANGLE	28-ft	BOOM ANGLE	42-ft	BOOM ANGLE	57-ft	ANGLE	72-ft	BOOM ANGLE	87-ft	BOOM ANGLE	102 - ft	BOOM ANGLE	117-ft	24-ft FIXED LENGTH JIB			
5	80	64,000													LOAD LOADED 24-ft			
6	78	54,000													RADUIS BOOM JIB			
8	73.5	42,000													30 79 4,000			
10	69	35,000		28,000											35 77 3,900			
12	64	30,000		27,500		25,000									40 75 2,850			
14	59	26,500	70.5		76.5	23,600		20.000							45 73 1,850			
16	53.5	21,700		22,500	74.5	22,200		19,000		40.400					50 71 1,100			
18	47.5	16,800				18,000	77	18,200		16,100					55 68.5 500			
20	41	13,500		14,000	70	14,500	75	14,800		14,500					NOTICE			
25			52	8,800	64.5	9,200	71	9,400	75	9,500	78	9,500	79	7,200	NOTICE			
30			42	5,800	58	6,150	66	6,300	71.5	6,400	75	6,450	77	6,500	- DO NOT DEADHEAD LINE BLOCK AGAINST BOOM TIP WHEN EXTENDING BOOM.			
35					52	4,200	62	4,350	68 4,450 72 4,500 75 4,550		KEEP AT LEAST 5 WRAPS OF LOADLINE ON THE WINCH DRUM AT ALL TIMES							
40					45	2,850	57	3,000	64	3,100	69	3,150	72.5	3,150	- USE ONLY 9/16" DIAMETER WIRE ROPE, AS SPECIFIED BELOW, WITH THE PROPER			
45					36.5	1,800	52	2,000	60	2,100	65.5	2,100	69.5	2,150	BREAKING STRENGTHS LISTED ANTI-TWO-BLOCK SYSTEM MUST BE IN GOOD OPERATING CONDITION BEFORE			
50							46	1,200	56	1,300	62.5	1,350	67	1,350	OPERATING CRANE. SEE OPERATION & SAFETY MANUAL.			
DEDUCTIO	0	5,000	0	2,000		200		050				450			DEDUCTIONS FOR STOWER			
STOWED		550		350		300		250		200		150		100	DEDUCTIONS FOR STOWED FIXED LENGTH JIB (lbs)			
1-PAR	T LINE	2-PAR	TLINE	3-P	ART LINI	E 4-F	PART LIN	IE :	5-PART I	INE	6-PART	LINE	7-PAF	RT LINE	ELLIOTT EQUIPMENT CO. SUPPLIED			
ا _ ا									Û		Œ	Ţ,	LOADLINE EQUIPMENT DEDUCTIONS: DOWNHAUL WEIGHT180 lbs					
UL WEIGH	THORIDAY TO THE THORIDAY											∤ }	ONE SHEAVE BLOCK375 lbs					
-DOWNHA	DOWNHAM						W				1//		TWO SHEAVE BLOCK640 lbs					
										J	THREE SHEAVE BLOCK870 lbs							
MAX PULL:	9,060 lbs	18,12	20 lbs	2	7,180 lbs		36,240 lbs		45,300 1	bs	54,360 lbs 64,000 lbs			000 lbs	9/16" - SPIN RESISTANT (5:1 S.F.) 45,300-lbs. BREAKING STRENGTH			

CRANE MEETS ASME B30.5 REQUIREMENTS AT TIME OF MANUFACTURE

DO NOT PAINT OVER ANY LABELS

1097740

101705



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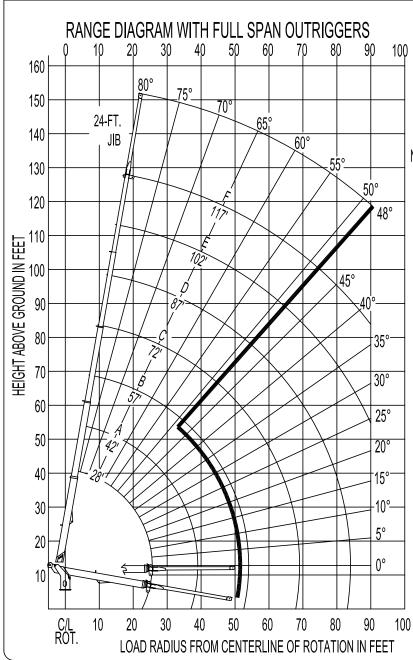
Email: sales@elliottequip.com



RANGE CHART - MAIN BOOM + JIB, FULL-SPAN OUTRIGGERS



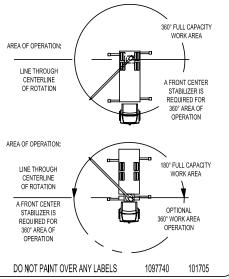
MODEL 3200 117-ft BOOM





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 angle. 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.





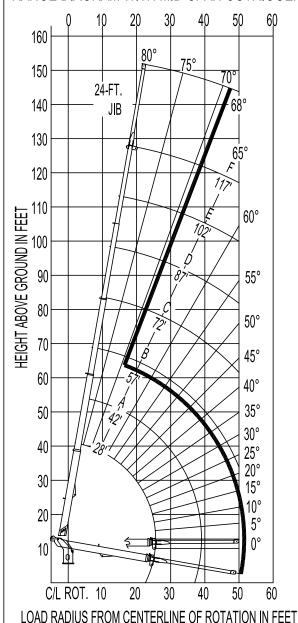
Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127

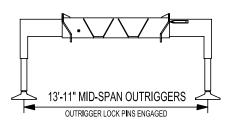
LOAD CHART - MAIN BOOM + JIB, MID-SPAN OUTRIGGERS



MODEL 3200 117-ft BOOM

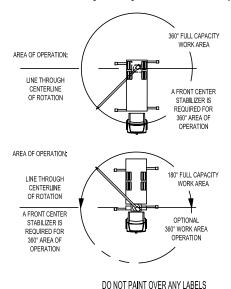
RANGE DIAGRAM WITH MID-SPAN OUTRIGGERS





NOTE:

- 1. Operate jib by radius when main boom is full 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.





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Elliott Equipment Company

4427 South 76th Circle

Omaha, NE 68127



1097740

TRUCK CHASSIS SPECIFICATIONS

	32117R BoomTruck
Wheelbase (WB)	268" / 681 cm
Cab to Tandem (CT)	204" / 518 cm
Cab to End of Frame (EOF)	334" / 594 cm
Frame Section Modulus	30.0 in3-110,000 psi / 492 cm3-758,428 kPa
Front Axle Gross Weight Rating	20,000 lb / 9071 kg
Rear Axle Gross Weight Rating	40,000 lb / 18 143 kg
Integral Front Frame Rails	Required for Front Stabilizer

OPTIONS



Radio Remote Control

Interference protected radio remotes let you get closer to your work and have full control over your machine. Includes battery charging feature and optional LMI screen.



Pin-On Jib Attachment

One piece fixed jib that stow on the side of the boom for easy placement while on the worksite.



360 Degree Area of Operation

Add the convenience of 360 degree area of operation by adding a front stabilizer for working around the entire crane.



Hydraulic Oil Cooler

Add a bed-mounted hydraulic oil cooler and fan to assist with high duty cycle job applications. A "must" for hot weather environments



Enclosed Operator Cab

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 install a 4 part hook block or a 7-8 part-hook block to improve lifting capabilities. The block can be stored at the rear of the



Gravity Leveled Basket

Elliott's pin-on work platform pins onto the boom for easy installation and removal. Gravity leveling and mechanical rotation makes it a great accessory for any worksite.



Body Mounted Hose Reels and Circuits

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



Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127



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% stbility requirements.

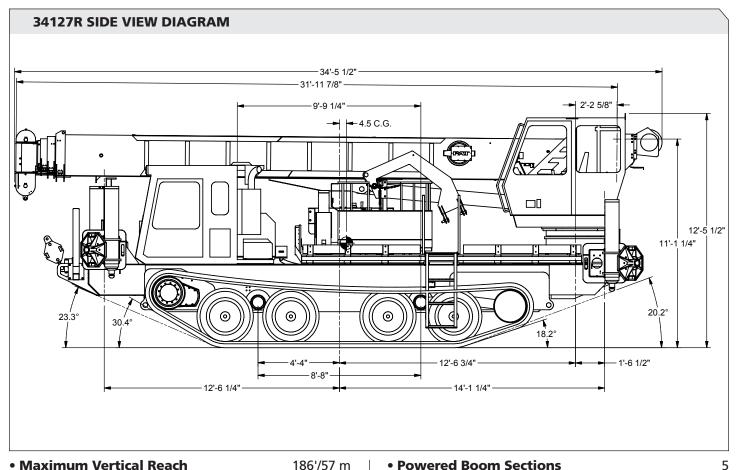
BoomTruck 34127R

TECHNICAL SPECIFICATIONS









• Maximum Vertical Reach

186'/57 m

Working Area

360 Degrees

Lifting Capacity

68,000 lbs/30 844 kg

Boom Length

127'/39m

• Crane Weight (Standard)

35,300 lbs/16 012 kg

• Jib Lengths

49'/15 m

• Winch Bare Drum Pull

12,800 lbs/5806 kg

Powered Boom Sections

12'6"/3,8 m

• Overall Height

Operator Controls

Rotating Seated Crane Cabin

• Outrigger Type Front

Out-Down

Outrigger Spread Front

22'4"/6,8 m

• Outrigger Type Rear

Out-Down

Outrigger Spread Rear

22'4"/6,8 m



Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127

TECHNICAL SPECIFICATIONS

Crane Capacity: 68,000 lbs at 6' load radius.

Maximum Tip Height: 137' height (186' with optional 49' jib)

Control Console: Rotating open seated controls with deluxe operator seat, electric control levers in seat console, pressure gauge, LMI display, 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. A maximum boom tip height of 137'. The boom nose contains one floating upper sheave and three lower sheaves. Assembly includes heavyduty 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 425' of 9/16" diameter rotation resistant wire rope with a single line pull of 9,060 pounds, 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 warning and shut-off functions to limit hook-boom point contact.

Outriggers: Two sets of two stage extended out and down overframe outriggers with 22'4" span. Outriggers are configured for full span operation. Outriggers equipped with ball socket aluminum removable pads that stow on vertical outrigger legs.

Frame: 4-plate design sub-frame inside track tub. Sub-frame allows for bolt-on addition of steel diamond plated bed with stake pockets.

Turret: Reverse offset turret is onepiece weldment. Turret rotates on large diameter ball bearing.

Rotation: Hydraulic motor drives turret through double reduction planetary swing drive for continuous rotation. The swing drive system has a spring applied, pressure release 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 piston pump, SAE O-ring face seals on pressure lines, and a 10-micron return line filter. The control valve distrbutes all flow to hoist system, swing circuit, and other crane functions. System is closed center type.

Oil Tank Capacity: 120 gallon mounted on top of bed.

Cab Equipment: 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 track vehicle, 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.

Weight: Approximately 35,300 lbs. (crane only).

Track Vehicle Required: 42,000 lb capacity, 12V electrical system with high capacity alternator. Contact factory for complete specification review.

Options:

Rotating Seated Controls with Enclosed Operator Cab

Air Conditioning for Crane Cab 32-49' Telescopic Jib for Basket

Two-Person Gravity-Leveled Basket

Radio Remote Controls

Front Brush Guard

Front or Rear Recovery Winch Much More...

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



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LOAD CHART - MAIN BOOM, FULL-SPAN OUTRIGGERS

LOAD RATINGS WITH FULLY EXTENDED OUTRIGGERS

															•
-	MAIN BOOM LOAD RATINGS (lbs)														
-	LOAD RADUIS IN FEET	LOADED BOOM ANGLE	32-ft	LOADED BOOM ANGLE	A 52-ft	LOADED BOOM ANGLE	B 70-ft	LOADED BOOM ANGLE	C 90-ft	LOADED BOOM ANGLE	D 110-ft	LOADED BOOM ANGLE	E 127-ft		
-	6	75.0	68,000												
	8	71.3	48,000												
Ī	10	67.5	41,000	74.2	33,000										
_	12	63.5	35,900	71.5	30,000										
	15	57.4	28,000	67.4	26,000	75.7	22,600								
•	20	45.9	20,000	60.4	19,000	71.5	19,000	77.0	16,600						
Ī	25	31.6	15,000	52.7	14,300	67.1	15,400	73.5	14,200	78.0	12,300	81.0	8,300		
	30			44.2	10,800	62.6	12,000	70.0	11,900	75.2	10,600	78.5	8,000		
	35			34.1	8,600	57.8	9,700	66.0	9,700	72.0	9,100	76.0	7,800		
Ī	40			20.1	6,800	52.9	7,900	62.0	8,000	69.0	7,900	73.5	7,500		
	45					47.5	6,400	58.3	6,500	66.0	6,600	71.0	6,700		
•	50					41.7	5,100	54.5	5,300	62.5	5,400	68.0	5,600		
•	55					35.1	4,000	50.5	4,200	59.5	4,300	65.5	4,700		
Ī	60					27.2	3,200	46.2	3,300	56.0	3,400	63.0	3,800		
	65					16.1	2,400	41.6	2,600	52.3	2,700	60.5	3,000		
	70							36.6	2,000	48.9	2,100	57.0	2,300		
_	75							30.9	1,500	45.4	1,600	54.5	1,800		
-	80							23.9	1,000	41.6	1,100	51.4	1,300		
•	85							14.2	700	37.5	800	47.4	900		
•	90											44.3	500		
-		0	10,000	0	4,100	0	2,000								
-	DEDUCTIO STOWED		900		560		410		320		260		230		

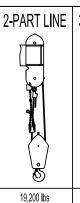
ELLIOTT EQUIPMENT CO., SUPPLIED LOADLINE EQUIPMENT DEDUCTIONS: DOWNHAUL WEIGHT180 lbs ONE SHEAVE BLOCK......236 lbs TWO SHEAVE BLOCK.....291 lbs THREE SHEAVE BLOCK......639 lbs FOUR SHEAVE BLOCK......762 lbs AUXILIARY SHEAVE......100 lbs

DEDUCTIONS FOR STOWED EXTENDABLE JIB (lbs)

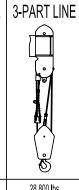
8-PART LINE

1-PART LINE	
MAX PULL: 9,600 lbs	

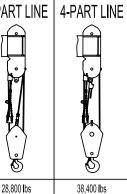
MAX PULL: 9,060 lbs



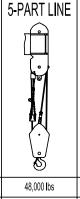
18,120 lbs



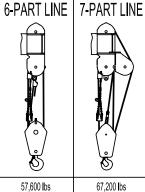
27,180 lbs



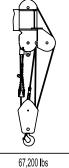
36,240 lbs



45,300 lbs



54,360 lbs



63,420 lbs



68.000 lbs

BLOCK AGAINST BOOM TIP WHEN EXTENDING BOOM.
KEEP AT LEAST 5 WRAPS OF LOADLINE ON THE WINCH DRUM AT ALL TIMES.
- USE ONLY 9/16" DIAMETER WIRE ROPE, AS SPECIFIED BELOW, WITH THE PROPER BREAKING STRENGTHS

NOTICE

- DO NOT DEADHEAD LINE

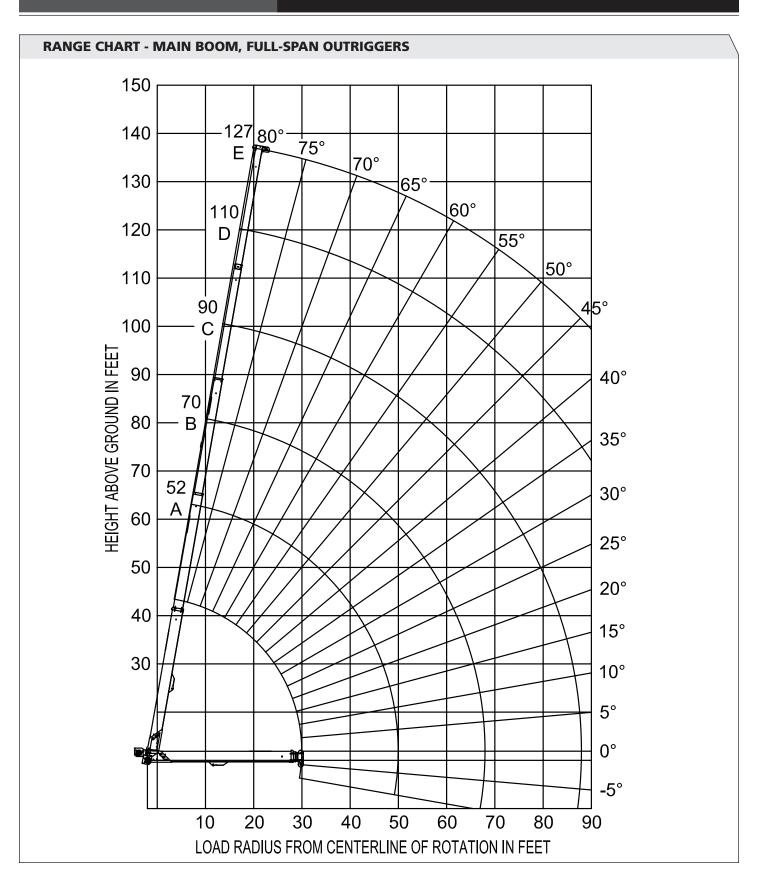
LISTED.
- ANTI-TWO-BLOCK SYSTEM
MUST BE IN GOOD
OPERATING CONDITION BEFORE OPERATING CRANE. SEE OPERATION & SAFETY MANUAL.

9/16" - 6 x 37 IWRC (3.5:1 S.F.) 33,600-lbs. BREAKING STRENGTH 9/16" - SPIN RESISTANT (5:1 S.F.) 45,300-bs. BREAKING STRENGTH



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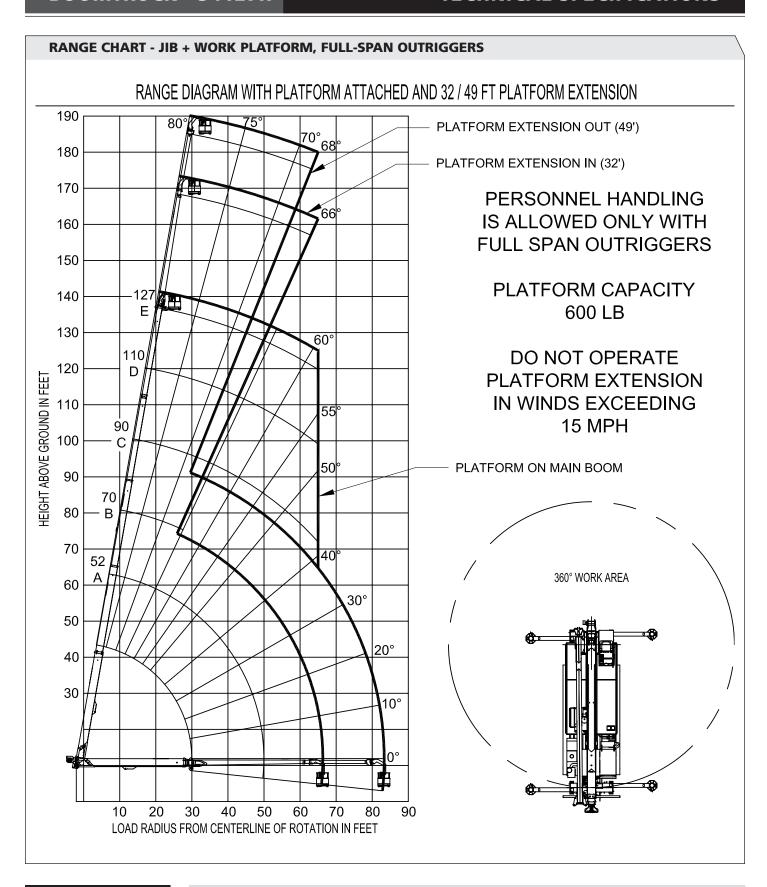






Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127







Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127



TRACK VEHICLE SPECIFICATIONS

	34127R BoomTruck
	54127K BOOMHTUCK
Overall Length	330" / 838 cm
Overall Width	204" / 518 cm
Overall Height	334" / 848 cm
Payload Capacity	42,000 lbs / 19,051 kg
Electrical System	12 Volt
Drive System	Hydrostatic

Chassis data is minimum general requirements-not for engineering.

OPTIONS



Radio Remote Control

Interference protected radio remotes let you get closer to your work and have full control over your machine. Includes battery charging feature and optional LMI screen.



Pin-On Jib Attachment

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



Brush Guard

Heavy-duty steel brush guard prevents tree limbs and other materials from damaging the BoomTruck or obscuring visibility.



High-Power Recovery Winch

A front or rear mounted recovery winch makes it easy to pull equipment out of thick mud and rough terrain.



Operator Cab

The enclosed crane operator cab includes windshield wipers, intuitive control systems, and optional heating and air conditioning.



Hook Block for Multi-Part Line

Elliott can install a 2-3 part hook block or a 4 part-hook block to improve lifting capabilities. The block can store right on the rear of the bed



Gravity Leveled Basket

Elliott's work platform pins onto the boom for easy installation and removal. Gravity leveling and mechanical rotation makes it a great accessory for any worksite.



Body Mounted Hose Reels and Circuits

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



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Actual dimensions and track vehicle data will depend on machine selection and configuration.

^{*}Minimum chassis weight is required to meet 85% stbility requirements.

BoomTruck 34142

TECHNICAL SPECIFICATIONS







34142 SIDE VIEW DIAGRAM - 34'-11 1/2' -34'-10 1/2' -15.8 C.G.

• Maximum Vertical Reach

201'/61,3 m

Working Area

360 Degrees

Lifting Capacity

68,000 lbs/30 844 kg

Boom Length

142'/43,3 m

38,600 lbs/17 508 kg

• Jib Lengths

• Winch Bare Drum Pull

• Crane Weight (Standard)

32'-49'/9,7-15 m

12,800 lbs/5806 kg

Powered Boom Sections

12'6"/3,8 m

5

• Overall Height

Rotating Seated Crane Cab

 Operator Controls • Outrigger Type Front

Out-Down

Outrigger Spread Front

22'4"/6,8 m

• Outrigger Type Rear

Out-Down

Outrigger Spread Rear

22'4"/6,8 m



Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127



TECHNICAL SPECIFICATIONS

Crane Capacity: 68,000 lbs at 6' load radius.

Maximum Tip Height: 152' height (201' with optional 32'-49' jib)

Control Console: Rotating open seated controls with deluxe operator seat, electric control levers in seat console, pressure gauge, LMI display, 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. A maximum boom tip height of 152'. The boom nose contains one floating upper sheave and three lower sheaves. Assembly includes heavyduty 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 425' of 9/16" diameter rotation resistant wire rope with a single line pull of 9,060 pounds, 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 warning and shut-off functions to limit hook-boom point contact.

Outriggers: Two sets of two-stage extended out and down overframe outriggers with 22'4" span. Outriggers are configured for full span operation. Outriggers equipped with ball socket aluminum removable pads that stow on vertical outrigger legs.

Frame: 4-plate design sub-frame inside track tub. Sub-frame allows for bolt-on addition of steel diamond plated bed with stake pockets.

Turret: Reverse offset turret is onepiece weldment. Turret rotates on large diameter ball bearing.

Rotation: Hydraulic motor drives turret through double reduction planetary swing drive for continuous rotation. The swing drive system has a spring applied, pressure release 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 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.

Oil Tank Capacity: 120 gallon mounted on top of bed.

Cab Equipment: 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 track vehicle, 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.

Weight: Approximately 38,600 lbs.

Track Vehicle Required: 40,000 lb payload capacity, 12V electrical system with high capacity alternator. Contact factory for complete specification review.

Options:

Rotating Seated Controls with Enclosed Operator Cab

Air Conditioning for Crane Cab

32'-49' Telescopic Jib for Workplatform

Two-Person Hydraulic Dampening Yoke Workplatform

Radio Remote Controls

Front Brush Guard

Front or Rear Recovery Winch

Much More...

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



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LOAD CHART - MAIN BOOM, FULL-SPAN OUTRIGGERS

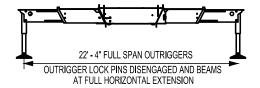


MODEL 3400 142-ft BOOM

LOAD RATINGS WITH FULLY EXTENDED OUTRIGGERS

MAIN BOOM LOAD RATINGS (lbs)

	(~)																	
LOAD RADIUS IN FEET	LOADED BOOM ANGLE	35-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
6	81.1	68,000	ANGLL	47-11	ANGLL	01-11	ANGLL	/ 4- 11	ANGLE	00-11	ANGLL	101-11	ANOLL	110-11	ANGLE	120-11	ANGLE	142-11
8	77.7	48,000																
10	74.2	41,000	78.4	38,000														
12	70.6	35,900		33,000		30,000												
15	65	28,000	71.9	26,300	76.3	24,300	79.5	24,000										
20	54.9	20,000	65.1	19,500	71.4	19,000	75.7	17,300	78.7	16,600								
25	43	15,000	57.8	15,000	66.3	14,850	71.5	14,500	75.2	14,200	77.8	13,000	81	11,000				
30	26.3	11,000	49.8	11,800	60.6	11,400	67.2	11,900	71.7	11,900	75	11,100	77.5	9,800	79.3	8,000		
35			40.5	9,000	54.5	9,150	62.8	9,700	68.1	9,700	72	9,300	75	8,700	77	7,800	79.1	6,000
40			28.6	6,800	48	7,400	58	8,000	64.4	8,000	68.8	7,900	72.2	7,700	74.9	7,500	77	5,600
45					40.7	6,000	52.9	6,400	60.6	6,500	65.6	6,500	69.8	6,600	72.6	6,500	74.8	5,400
50					31.9	4,700	47.3	5,200	56.5	5,300	62.3	5,300	67	5,400	70.1	5,400	72.7	5,000
55					19.8	3,600	41.2	4,100	52.3	4,200	59.1	4,200	64.2	4,400	67.6	4,400	70.5	4,400
60							34.9	3,200	48	3,300	55.5	3,300	61.2	3,500	65	3,500	68.3	3,500
65							26.4	2,500	43	2,600	51.8	2,600	58.1	2,700	62.4	2,900	65.9	2,900
70							12.9	1,300	37.3	2,000	47.6	2,000	55	2,100	59.7	2,100	63.6	2,100
75									30.8	1,400	43.1	1,500	54.6	1,600	56.9	1,600	61.2	1,600
80									22.5	800	38.2	1,000	47.8	1,100	54	1,100	58.7	1,100
85											32.7	500	43.8	500	50.8	600	56.2	600
	0	10,000	0	6,000	0	3,000	0	1,000										
DEDUCTION STOWED F	PLATFORM	900		650		500		400		350		300		250		250		200



ELLIOTT EQUIPMENT CO. SUPPLIED LOADLINE EQUIPMENT DEDUCTIONS:

CRANE MEETS ASME B30.5 REQUIREMENTS AT TIME OF MANUFACTURE

1204090 111914



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

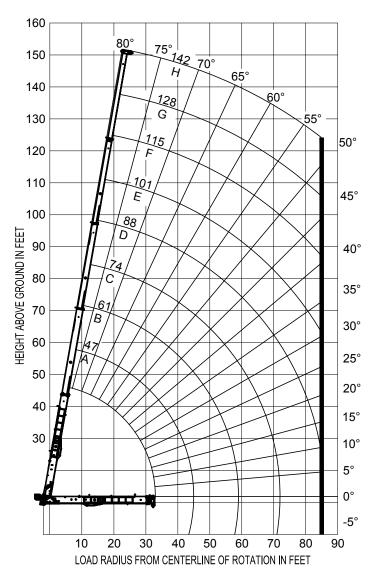


RANGE CHART - MAIN BOOM, FULL-SPAN OUTRIGGERS



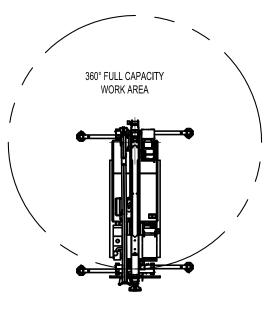
MODEL 3400 142-ft BOOM

RANGE DIAGRAM WITH FULL SPAN OUTRIGGERS



NOTE:

- 1. Boom load ratings are based on loaded boom radius. Loaded boom angles are given as reference only.
- 2. Capacities do not exceed 85% stability.
- 3. Personnel handling is allowed only with full span outriggers.



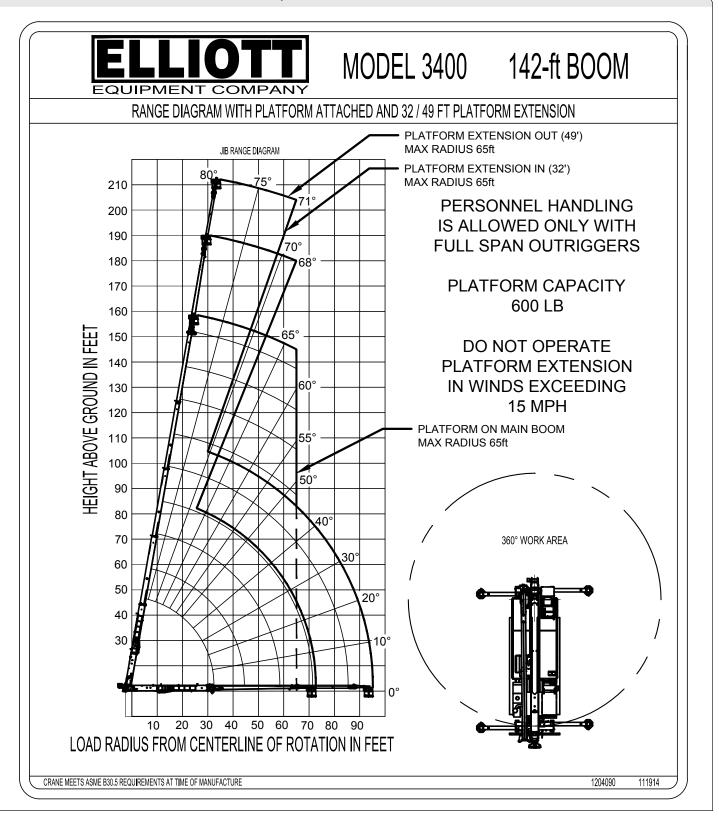


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RANGE CHART - JIB + WORK PLATFORM, FULL-SPAN OUTRIGGERS





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Omaha, NE 68127

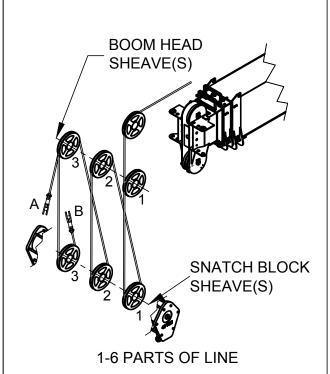
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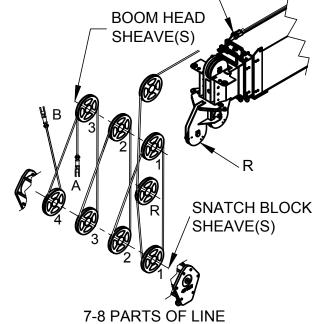
WINCH DATA



MODEL 3400 142-ft BOOM

PARTS OF LINE





AUX. WINCH 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 9/16" 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	9/16" - SPIN RESISTANT (5:1 S.F.) 45,300-lbs. BREAKING STRENGTH
1	1	А	9,060 lbs
2	1 B	1	18,120 lbs
3	12	1 A	27,180 lbs
4	12B	12	36,240 lbs
5	123	12A	45,300 lbs
6	123B	123	54,360 lbs
7	R123	123A	63,420 lbs
8	R123B	1234	68,000 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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TRACK VEHICLE SPECIFICATIONS

	34142 BoomTruck
Overall Length	330" / 838 cm
Overall Width	134" / 340 cm
Overall Height	116" / 295cm
Payload Capacity	40,000 lbs / 18 144 kg
Electrical System	12 Volt
Drive System	Hydrostatic

Chassis data is minimum general requirements-not for engineering.

OPTIONS



Radio Remote Control

Interference protected radio remotes let you get closer to your work and have full control over your machine. Includes battery charging feature and optional LMI screen.



Pin-On Jib Attachment

Two piece telescoping jib that stows on the side of the boom for easy placement while on the job site.



Brush Guard

Heavy-duty steel brush guard prevents tree limbs and other materials from damaging the vehicle or obscuring visibility.



High-Power Recovery Winch

A front mounted recovery winch improves equipment recovery in extreme environments like mud, sand or swamp.



Operator Cab

The optional enclosed crane operator cab includes windshield wipers, intuitive control systems, and optional heating and air conditioning.



Hook Block for Multi-Part Line

Elliott can install up to a 7-part hook block to improve lifting capabilities. The block can stored on the bed for transport.



2-Man Yoke Work Platform

Elliott's new 1,200 lb capacity 2-man platform features a 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 compatability by adding hose reels or hydraulic circuits to the crane bed.



Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127



Actual dimensions and track vehicle data will depend on machine selection and configuration.

^{*}Minimum chassis weight is required to meet 85% stbility requirements.

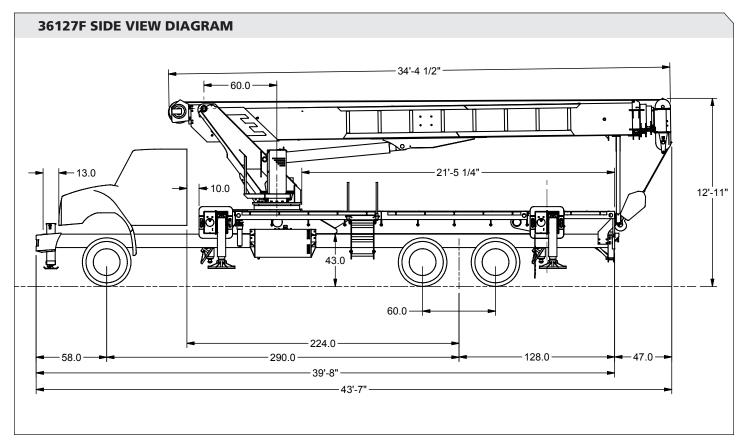
BoomTruck 36127F

TECHNICAL SPECIFICATIONS









• Maximum Vertical Reach

186'/57 m

• Working Area 180 Degrees Standard (360 Optional)

Lifting Capacity

72,000 lbs/32 659 kg

Boom Length

127'/39m

• Crane Weight (Standard)

33,585 lbs/15 234 kg

Jib Lengths

32-49'/ 10-15 m

• Winch Bare Drum Pull

12,800 lbs/5806 kg

• Powered Boom Sections

• Overall Height 12'11"/3,9 m

 Operator Controls **Rotating Standup**

• Outrigger Type Front Out-Down

 Outrigger Spread Front 21'2"/6,4 m

• Outrigger Type Rear Out-Down

 Outrigger Spread Rear 21'2"'/6,4 m



Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127

Phone: 402-592-4500 Fax: 402-592-4553 Email: sales@elliottequip.com



TECHNICAL SPECIFICATIONS

Crane Capacity: 72,000 lbs at 5' load radius.

Maximum Tip Height: 137' height (186' with optional 49' jib)

Control Console: Rotating turret single operator standup control station equipped with four single axis control levers for the main crane controls. Operator station includes LMI display, 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. A maximum boom tip height of 137' 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 425' of 9/16" diameter rotation resistant wire rope with a single line pull of 9,060 pounds, 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 warning and shut-off functions to limit

hook-boom point contact.

Outriggers: Two sets of out and down overframe outriggers with 21'2" span. Outriggers are configured for full span or mid span operation. Outriggers equipped with ball socket aluminum removable pads that stow on vertical outrigger legs.

Frame: Full length, all welded rigid 4-plate design sub-frame. Sub-frame allows for bolt-on addition of 21'5" 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 onepiece weldment. Turret rotates on large diameter ball bearing.

Rotation: Hydraulic motor drives turret through double reduction planetary swing drive for continuous rotation. The swing drive system has a spring applied, pressure release 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.

Oil Tank Capacity: 120 gallon mounted to truck frame on roadside.

Cab Equipment: 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 boxes black.

Bumper: Bureau of Motor Carrier Safety rear bumper.

Weight: Approximately 33,585 lbs. with 21'5" bed wings less truck.

Truck Chassis Required: Approx. 224" C.T. RBM 3,300,000 in-lb. per rail, 20,000 lb. front axle and 66,000 lb. GVWR required. Trucks must have front frame extension, 12V electrical system with high capacity alternator, cab clearance stop/tail/backup lights, and I.D. lamps. Recommended GVWR is minimum for BOOMTRUCK with flatbed only. Contact factory when additional equipment is to be added.

Options:

32' to 49' 2 Piece Telescopic Jib Radio Remote Controls Gravity-Leveled Steel Basket Tool Box Configurations

Front Jack for 360 Degree Crane Operation

Line Blocks for Multi-Part Line Hydraulic Oil Cooler

Much more....

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



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LOAD CHART - MAIN BOOM, FULL-SPAN OUTRIGGERS

MODEL 3600 127-ft BOOM LOAD RATINGS WITH FULLY EXTENDED OUTRIGGERS **EQUIPMENT COMPANY** JIB LOAD RATINGS (lbs) MAIN BOOM LOAD RATINGS (lbs) 32-49 ft EXTENDABLE JIB D Ε RADUIS BOOM BOOM BOOM BOOM BOOM BOOM LOAD LOADED 90-ft LOAD LOADED 32-ft 52-ft 70-ft 110-ft 127-ft IN FEET ANGLE ANGLE ANGLE ANGLE ANGLE ANGLE 328 I**I**B 40-6 IIR RADIUS BOOM воом RADIUS RETRACTED EXTENIDED 5 73.0 72.000 (FT) (FT) 8 54,000 30 0.08 3.400 67.0 63.0 48.000 46 33 2.200 10 73.2 36,000 75.0 3.200 80.0 60.0 43.000 70.9 36,000 12 60 70.0 2,700 50 75.0 2,200 73 15 53.0 33,500 67.4 31,000 74.7 128.000 65.0 2,100 65 70.0 1,600 20 40.0 23.550 61.3 | 24.300 69.5 23.000 76.0 **[**18.000 85 65.0 60.0 1.700 80 1.000 23.0 | 17,400 54.8 | 18,200 66.0 18,000 72.5 17,500 77.0 14,200 80.0 8,800 95 1,200 55.0 30 47.7 14,000 62.0 14,300 69.0 14,500 74.2 12,900 77.5 8,400 35 39.7 11,150 56.5 11,400 65.0 11,500 71.0 11,400 75.0 8,000 40 8.950 51.9 9.000 61.0 9.400 68.0 9.500 72.5 30.1 7.500 45 15.9 7.250 45.5 7.500 57.0 7.700 65.0 7,800 70.0 7.000 50 40.0 6,100 53.5 6,300 61.5 6,400 67.0 6,450 55 33.0 5.000 49.5 5,200 5,300 5,350 58.5 64.5 21' - 2" FULL SPAN OUTRIGGERS 24.0 45.2 4,200 55.0 62.0 60 4.000 4.300 4.400 OUTRIGGER LOCK PINS DISENGAGED AND BEAMS AT FULL HORIZONTAL EXTENSION 65 3,300 3,500 59.5 3,550 40.5 51.3 ELLIOTT EQUIPMENT CO. SUPPLIED 70 34.0 2,600 48.0 2,700 56.0 2,800 LOADLINE EQUIPMENT DEDUCTIONS: 75 28.0 2,050 44.4 2,150 53.5 2,200 DOWNHAUL WEIGHT180 lbs 80 20.0 1,500 40.6 1,600 50.0 1,700 ONE SHEAVE BLOCK......236 lbs 85 36.5 1,150 44.0 1,200 TWO SHEAVE BLOCK......291 lbs 90 31.5 800 44.3 850 THREE SHEAVE BLOCK......639 lbs FOUR SHEAVE BLOCK......762 lbs 95 40.0 500 AUXILIARY SHEAVE......100 lbs 0 15,550 0 6.900 0 3,200 1.100 DEDUCTIONS FOR STOWED EXTENDABLE JIB (lbs) 1.000 650 450 400 300 250 MINIMUM BOOM ANGLE (°) FOR INDICATED LENGTH (NO LOAD) 30.0 40.0 90' MAXIMUM BOOM LENGTH (FT) AT 0° BOOM ANGLE (NO LOAD) 7-PART LINE 2-PART LINE 3-PART LINE 4-PART LINE 5-PART LINE 6-PART LINE 8-PART LINE NOTICE 1-PART LINE - 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 9/16" DIAMETER WIRE ROPE, AS SPECIFIED BELOW, WITH THE PROPER BREAKING STRENGTHS LISTED. - ANTI-TWO-BLOCK SYSTEM MUST BE IN GOOD OPERATING CONDITION BEFORE OPERATING CRANE. SEE OPERATION & SAFETY MANUAL. 9/16" - 6 x 37 IWRC (3.5:1 S.F.) 33,600-lbs. BREAKING STRENGTH MAX PULL: 9,600 lbs 19,200 lbs 28,800 lbs 38,400 lbs 48,000 lbs 57,600 lbs 67,200 lbs 72 000 lbs 9/16" - SPIN RESISTANT (5:1 S.F.) 45.300-bs. BREAKING STRENGTH MAX PULL: 9,060 lbs 18,120 lbs 27.180 lbs 36.240 lbs 45.300 lbs 54.360 lbs 63,420 lbs 72.000 bs



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



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DO NOT PAINT OVER ANY LABELS

LOAD CHART - MAIN BOOM, MID-SPAN OUTRIGGERS

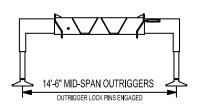
MODEL 3600 127-ft BOOM

LOAD RATINGS WITH OUTRIGGERS AT MID-SPAN POSITION

	EQUIPIVENT COMPANY											
				MAI	N BC	OM L	OAD	RATIN	IGS (lbs)		
LOAD	LOADED		LOADED	Α	LOADED	В	LOADED	С	LOADED	D	LOADED	E
RADUIS IN FEET	BOOM ANGLE	32-ft	BOOM ANGLE	52-ft	BOOM ANGLE	70-ft	BOOM ANGLE	90-ft	BOOM ANGLE	110-ft	BOOM ANGLE	127-ft
5	73.0	72,000		02 K		7010		0011		11010		121 10
8	67.0	54,000										
10	63.0	48,000	73.2	36,000								
12	60.0	36,000	70.9	36,000								
15	53.0	30,000	67.4	31,000	74.7	28,000						
20	40.0	16,200	61.3	17,000	69.5	17,000	76.0	17,000				
25	23.0	10,100	54.8	11,400	66.0	11,700		12,000	77.0	12,000	80.0	8,800
30			47.7	7,500	62.0	7,800	69.0	8,000	74.2	8,000	77.5	8,400
35			39.7	5,200	56.5	5,500	65.0	5,800	71.0	5,800	75.0	6,300
40			30.1	3,600	51.9	4,000	61.0	4,100	68.0	4,150	72.5	4,200
45			15.9	2,200	45.5	2,600	57.0	2,800	65.0	2,800	70.0	3,100
50					40.0	1,700	53.5	1,900	61.5	1,900	67.0	2,000
55					33.0	900	49.5	1,150	58.5	1,150	64.5	1,300
60							45.2	500	55.0	600	62.0	700
	0	8,800	0	3,600								
							<u> </u>					
		1,000		650		450		400		300		250
					30.0		45.0		55.0		60.0	

	J	IB LOAD	RAT	INGS	(lbs)					
		EXTENDA	ABLE JIB							
LOAD RADIUS (FT)	LOADED BOOM ANGLE	32ft J I B RETRACTED		LOAD RAD I US (FT)	LOADED BOOM ANGLE					
30	80.0	3,400				ĺ				
46	75.0	3,200		33	80.0	ĺ				
60	70.0	1,500		50	75.0	ı				
				CE	70 A	ı				

•		(120)									
DΑ	ABLE JIB										
	LOAD RAD I US (FT)	LOADED BOOM ANGLE	49-ft JIB EXTENDED								
	33	80.0	2,200								
	50	75.0	2,200								
	65	70.0	900								



ELLIOTT EQUIPMENT CO. SUPPLIED	
LOADLINE EQUIPMENT DEDUCTIONS:	
DOWNHAUL WEIGHT	.180 lbs
ONE SHEAVE BLOCK	.236 lbs
TWO SHEAVE BLOCK	.291 lbs
THREE SHEAVE BLOCK	
FOUR SHEAVE BLOCK	762 lbs
AUXILIARY SHEAVE	100 lbs

DEDUCTIONS FOR STOWED EXTENDABLE JIB (lbs) MINIMUM BOOM ANGLE (°) FOR INDICATED LENGTH (NO LOAD)

DO NOT PAINT OVER ANY LABELS

		70'			MAXIMUM BO	OOM LENGTH (FT)	AT 0° BOOM AND	GLE (NO LOAD)
1-PART LINE	2-PART LINE	3-PART LINE	4-PART LINE	5-PART LINE	6-PART LINE	7-PART LINE	8-PART LINE	NOTICE
() A PORTO (DE								- 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 9/16" DIAMETER WIRE ROPE, AS SPECIFIED BELOW, WITH THE PROPER BREAKING STRENOTHS LISTED. ANTI-TWO-BLOCK SYSTEM MUST BE IN GOOD OPERATING CONDITION BEFORE OPERATING CANNE. SEE OPERATION & SAFETY MANUAL.
MAX PULL: 9,600 lbs	19,200 l bs	28,800 lbs	38,400 lbs	48,000 lbs	57,600 lbs	67,200 l bs	72,000 l bs	9/16" - 6 x 37 IWRC (3.5:1 S.F.) 33,600-lbs. BREAKING STRENGTH
MAX PULL: 9,060 lbs	18,120 lbs	27,180 lbs	36,240 lbs	45,300 lbs	54,360 lbs	63,420 lbs	72,000 lbs	9/16" - SPIN RESISTANT (5:1 S.F.) 45,300-lbs, BREAKING STRENGTH



CRANE MEETS ASME B30.5 REQUIREMENTS AT TIME OF MANUFACTURE

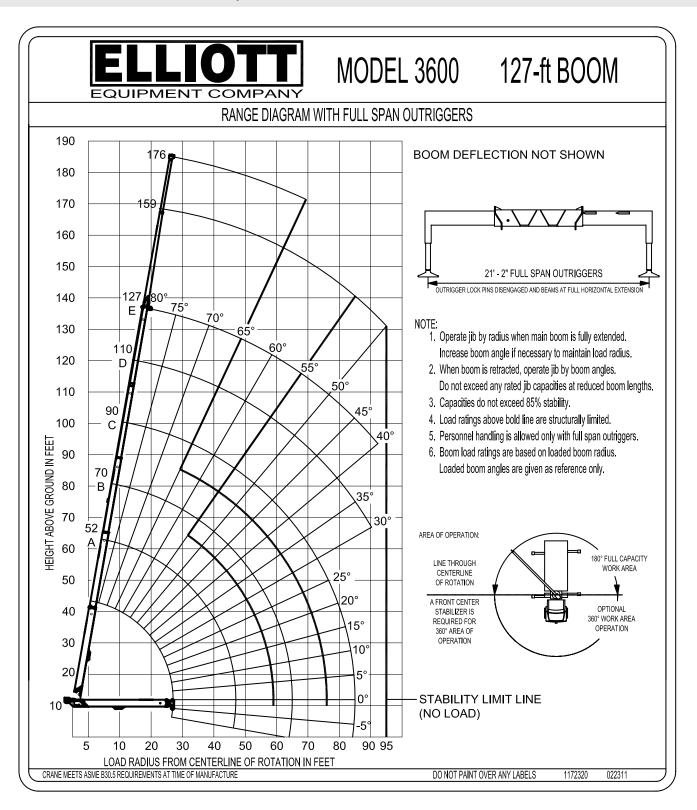
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RANGE CHART - MAIN BOOM + JIB, FULL-SPAN OUTRIGGERS

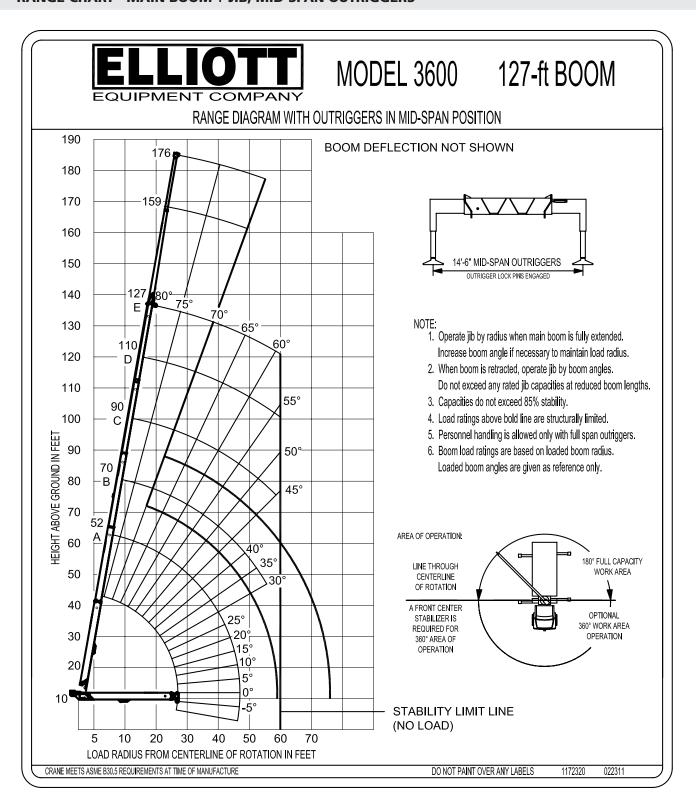




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RANGE CHART - MAIN BOOM + JIB, MID-SPAN OUTRIGGERS





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Omaha, NE 68127

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Email: sales@elliottequip.com



TRUCK CHASSIS SPECIFICATIONS

	36127F BoomTruck
Wheelbase (WB)	290" / 736 cm
Cab to Tandem (CT)	224" / 569 cm
Cab to End of Frame (EOF)	352" / 894 cm
Frame Section Modulus	30.0 in3-110,000 psi / 492 cm3-758,428 kPa
Front Axle Gross Weight Rating	20,000 lb / 9072 kg
Rear Axle Gross Weight Rating	53,200 lb / 24 131 kg (13,200 lb Pusher Axle)
Integral Front Frame Rails	Required for Front Stabilizer

Chassis data is minimum general requirements-not for engineering.

OPTIONS



Radio Remote Control

Interference protected radio remotes let you get closer to your work and have full control over your machine. Includes battery charging feature and optional LMI screen.



Pin-On Jib Attachments

Two piece telescoping jib with material handling and basket attachment capabilities. Stows on the side of the boom for easy placement while on the worksite.



Hydraulic Oil Cooler

Add a bed-mounted hydraulic oil cooler to assist with high duty cycle job applications.



Automatic Safety Rotation Lockout

"Short-jack" your BoomTruck by adding an automatic safety lockout to prevent boom movement over the side where outriggers are not fully extended.



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 install a 2-3 part hook block or a 4 part-hook block to improve lifting capabilities. The block can store right on the rear of the bed



Gravity Leveled Work Platform

Elliott's new 600 lb capacity 2-man platform features a 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 compatability by adding hose reels or hydraulic circuits to the crane bed.



Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127



Actual dimensions and truck data will depend on truck selection and axle configuration.

*Minimum chassis weight is required to meet 85% stability requirements.







36127R SIDE VIEW DIAGRAM ELLIOTT 12'-10" 12'-6" 204" 272" 41'-5"

•	Maximum	Vertical	Reach
---	----------------	----------	-------

Working Area

Lifting Capacity

Boom Length

• Crane Weight (Standard)

• Jib Lengths

• Winch Bare Drum Pull

186¹/56,7 m

360 Degrees

72,000 lbs/32 659 kg

127'/39m

33,585 lbs/15 234 kg

32-49'/10-15 m

12,800 lbs/5806 kg

• Powered Boom Sections

• Overall Height

Operator Controls

• Outrigger Type Front

Outrigger Spread Front

• Outrigger Type Rear

Outrigger Spread Rear

5

12'10"/3,9 m

Rotating Standup

Out-Down

21'2"/6,4 m

Out-Down

21'2"/6,4 m



Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127

TECHNICAL SPECIFICATIONS

Crane Capacity: 72,000 lbs at 5' load radius.

Maximum Tip Height: 137' height (186' with optional 49' jib)

Control Console: Rotating turret single operator standup control station equipped with four single axis control levers for the main crane controls. Operator station includes LMI display, 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. A maximum boom tip height of 137' 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 425' of 9/16" diameter rotation resistant wire rope with a single line pull of 9,060 pounds, 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 warning and shut-off functions to limit

hook-boom point contact.

Outriggers: Two sets of out and down overframe outriggers with 21'2" span. Outriggers are configured for full span or mid span operation. Outriggers equipped with ball socket aluminum removable pads that stow on vertical outrigger legs. Single front bumper stabilizer.

Frame: Full length, all welded rigid 4-plate design sub-frame. Sub-frame allows for bolt-on addition of 20' 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 onepiece weldment. Turret rotates on large diameter ball bearing.

Rotation: Hydraulic motor drives turret through double reduction planetary swing drive for continuous rotation. The swing drive system has a spring applied, pressure release 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.

Oil Tank Capacity: 143 gallon mounted on truck frame.

Cab Equipment: PTO switch 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 boxes black.

Bumper: Bureau of Motor Carrier Safety rear bumper.

Weight: Approximately 33,585 lbs. with 20' bed wings less truck.

Truck Chassis Required: Approx. 200" C.T. RBM 3,300,000 in-lb. per rail, 20,000 lb. front axle and 78,000 lb. GVWR recommended. Trucks must have 12V electrical system with high capacity alternator, cab clearance stop/tail/backup lights, and I.D. lamps. Contact factory when additional equipment is to be added.

Options:

Enclosed Operator Cab
Open Seated Lower Controls
32' to 49' Two-Piece Telescopic Jib
Radio Remote Controls
Gravity-Leveled Steel Basket
Tool Box Configurations
Line Blocks for Multi-Part Line
Hydraulis Oil Cooler

Hydraulic Oil Cooler

Much more....

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



Elliott Equipment Company Phone: 4 4427 South 76th Circle Fax: 402-Omaha, NE 68127 Email: sal



LOAD CHART - MAIN BOOM, FULL-SPAN OUTRIGGERS

MODEL 3600 127-ft BOOM LOAD RATINGS WITH FULLY EXTENDED OUTRIGGERS **EQUIPMENT COMPANY** JIB LOAD RATINGS (lbs) MAIN BOOM LOAD RATINGS (lbs) 32-49 ft EXTENDABLE JIB D Ε RADUIS BOOM BOOM BOOM BOOM BOOM BOOM LOAD LOADED 90-ft LOAD LOADED 32-ft 52-ft 70-ft 110-ft 127-ft IN FEET ANGLE ANGLE ANGLE ANGLE ANGLE ANGLE 328 I**I**B 40-6 IIR RADIUS BOOM воом RADIUS RETRACTED EXTENIDED 5 73.0 72.000 (FT) (FT) 8 54,000 30 0.08 3.400 67.0 63.0 48.000 46 33 2.200 10 73.2 36,000 75.0 3.200 80.0 60.0 43.000 70.9 36,000 12 60 70.0 2,700 50 75.0 2,200 73 15 53.0 33,500 67.4 31,000 74.7 128.000 65.0 2,100 65 70.0 1,600 20 40.0 23.550 61.3 | 24.300 69.5 23.000 76.0 **[**18.000 85 65.0 60.0 1.700 80 1.000 23.0 | 17,400 54.8 | 18,200 66.0 18,000 72.5 17,500 77.0 14,200 80.0 8,800 95 1,200 55.0 30 47.7 14,000 62.0 14,300 69.0 14,500 74.2 12,900 77.5 8,400 35 39.7 11,150 56.5 11,400 65.0 11,500 71.0 11,400 75.0 8,000 40 8.950 51.9 9.000 61.0 9.400 68.0 9.500 72.5 30.1 7.500 45 15.9 7.250 45.5 7.500 57.0 7.700 65.0 7,800 70.0 7.000 50 40.0 6,100 53.5 6,300 61.5 6,400 67.0 6,450 55 33.0 5.000 49.5 5,200 5,300 5,350 58.5 64.5 21' - 2" FULL SPAN OUTRIGGERS 24.0 45.2 4,200 55.0 62.0 60 4.000 4.300 4.400 OUTRIGGER LOCK PINS DISENGAGED AND BEAMS AT FULL HORIZONTAL EXTENSION 65 3,300 3,500 59.5 3,550 40.5 51.3 ELLIOTT EQUIPMENT CO. SUPPLIED 70 34.0 2,600 48.0 2,700 56.0 2,800 LOADLINE EQUIPMENT DEDUCTIONS: 75 28.0 2,050 44.4 2,150 53.5 2,200 DOWNHAUL WEIGHT180 lbs 80 20.0 1,500 40.6 1,600 50.0 1,700 ONE SHEAVE BLOCK......236 lbs 85 36.5 1,150 44.0 1,200 TWO SHEAVE BLOCK......291 lbs 90 31.5 800 44.3 850 THREE SHEAVE BLOCK......639 lbs FOUR SHEAVE BLOCK......762 lbs 95 40.0 500 AUXILIARY SHEAVE......100 lbs 0 15,550 0 6.900 0 3,200 1.100 DEDUCTIONS FOR STOWED EXTENDABLE JIB (lbs) 1.000 650 450 400 300 250 MINIMUM BOOM ANGLE (°) FOR INDICATED LENGTH (NO LOAD) 30.0 40.0 90' MAXIMUM BOOM LENGTH (FT) AT 0° BOOM ANGLE (NO LOAD) 7-PART LINE 2-PART LINE 3-PART LINE 4-PART LINE 5-PART LINE 6-PART LINE 8-PART LINE NOTICE 1-PART LINE - 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 9/16" DIAMETER WIRE ROPE, AS SPECIFIED BELOW, WITH THE PROPER BREAKING STRENGTHS LISTED. - ANTI-TWO-BLOCK SYSTEM MUST BE IN GOOD OPERATING CONDITION BEFORE OPERATING CRANE. SEE OPERATION & SAFETY MANUAL. 9/16" - 6 x 37 IWRC (3.5:1 S.F.) 33,600-lbs. BREAKING STRENGTH MAX PULL: 9,600 lbs 19,200 lbs 28,800 lbs 38,400 lbs 48,000 lbs 57,600 lbs 67,200 lbs 72 000 lbs



MAX PULL: 9,060 lbs

18,120 lbs

CRANE MEETS ASME B30.5 REQUIREMENTS AT TIME OF MANUFACTURE

27.180 lbs

Elliott Equipment Company
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Omaha, NE 68127

Phone: 402-592-4500
Fax: 402-592-4553
Email: sales@elliottequip.com

45.300 lbs

54.360 lbs

63,420 lbs

DO NOT PAINT OVER ANY LABELS

72.000 bs

36.240 lbs



9/16" - SPIN RESISTANT (5:1 S.F.) 45.300-bs. BREAKING STRENGTH

022311

LOAD CHART - MAIN BOOM, MID-SPAN OUTRIGGERS

ELLIOTT

MODEL 3600 127-ft BOOM

LOAD RATINGS WITH OUTRIGGERS AT MID-SPAN POSITION

	EQUIPMENT COMPANT											
				MAI	N BC	OM LO	DAC	RATIN	IGS (lbs)		
LOAD RADUIS IN FEET	LOADED BOOM ANGLE	32-ft	LOADED BOOM ANGLE	A 52-ft	LOADED BOOM ANGLE	B 70-ft	LOADED BOOM ANGLE	C 90-ft	LOADED BOOM ANGLE	D 110-ft	LOADED BOOM ANGLE	E 127-ft
5	73.0	72,000										
8	67.0	54,000										
10	63.0	48,000	73.2	36,000								
12	60.0	36,000		36,000								
15	53.0	30,000		31,000	74.7	28,000						
20	40.0	16,200		17,000		17,000		17,000				
25	23.0	10,100	54.8	11,400	66.0	11,700	72.5	12,000	77.0	12,000	80.0	8,800
30			47.7	7,500	62.0	7,800	69.0	8,000	74.2	8,000	77.5	8,400
35			39.7	5,200	56.5	5,500	65.0	5,800	71.0	5,800	75.0	6,300
40			30.1	3,600	51.9	4,000	61.0	4,100	68.0	4,150	72.5	4,200
45			15.9	2,200	45.5	2,600	57.0	2,800	65.0	2,800	70.0	3,100
50					40.0	1,700	53.5	1,900	61.5	1,900	67.0	2,000
55					33.0	900	49.5	1,150	58.5	1,150	64.5	1,300
60							45.2	500	55.0	600	62.0	700
	0	8,800	0	3,600								
		1,000		650		450		400		300		250
					30.0		45.0		55.0		60.0	

,	HAIO	OLIN		/-OI /-	uvic	/01110	,						
	JIB LOAD RATINGS (lbs)												
		32-49 ft EXTENDABLE JIB											
	LOAD RADIUS (FT)	LOADED BOOM ANGLE	32ft J I B RETRACTED		LOAD RAD I US (FT)	LOADED BOOM ANGLE							
	30	80.0	3,400										
	46	75.0	3,200		33	80.0							
	60	70.0	1,500		50	75.0							
					65	70.0							

2,200 2,200

900



ELLIOTT EQUIPMENT CO. SUPPLIED	
LOADLINE EQUIPMENT DEDUCTIONS:	
DOWNHAUL WEIGHT	.180 lbs
ONE SHEAVE BLOCK	.236 lbs
TWO SHEAVE BLOCK	291 lbs
THREE SHEAVE BLOCK	639 lbs
FOUR SHEAVE BLOCK	762 lbs
AUXILIARY SHEAVE	100 lbs

MINIMUM BOOM ANGLE (°) FOR INDICATED LENGTH (NO LOAD)

DO NOT PAINT OVER ANY LABELS

DEDUCTIONS FOR STOWED EXTENDABLE JIB (lbs)

		70'			MAXIMUM BO	OOM LENGTH (FT)	AT 0° BOOM AND	GLE (NO LOAD)
1-PART LINE	2-PART LINE	3-PART LINE	4-PART LINE	5-PART LINE	6-PART LINE	7-PART LINE	8-PART LINE	NOTICE
() A PORTO (DE								- 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 9/16" DIAMETER WIRE ROPE, AS SPECIFIED BELOW, WITH THE PROPER BREAKING STRENOTHS LISTED. ANTI-TWO-BLOCK SYSTEM MUST BE IN GOOD OPERATING CONDITION BEFORE OPERATING CANNE. SEE OPERATION & SAFETY MANUAL.
MAX PULL: 9,600 lbs	19,200 l bs	28,800 lbs	38,400 lbs	48,000 lbs	57,600 lbs	67,200 l bs	72,000 l bs	9/16" - 6 x 37 IWRC (3.5:1 S.F.) 33,600-lbs. BREAKING STRENGTH
MAX PULL: 9,060 lbs	18,120 lbs	27,180 lbs	36,240 lbs	45,300 lbs	54,360 lbs	63,420 lbs	72,000 lbs	9/16" - SPIN RESISTANT (5:1 S.F.) 45,300-lbs, BREAKING STRENGTH



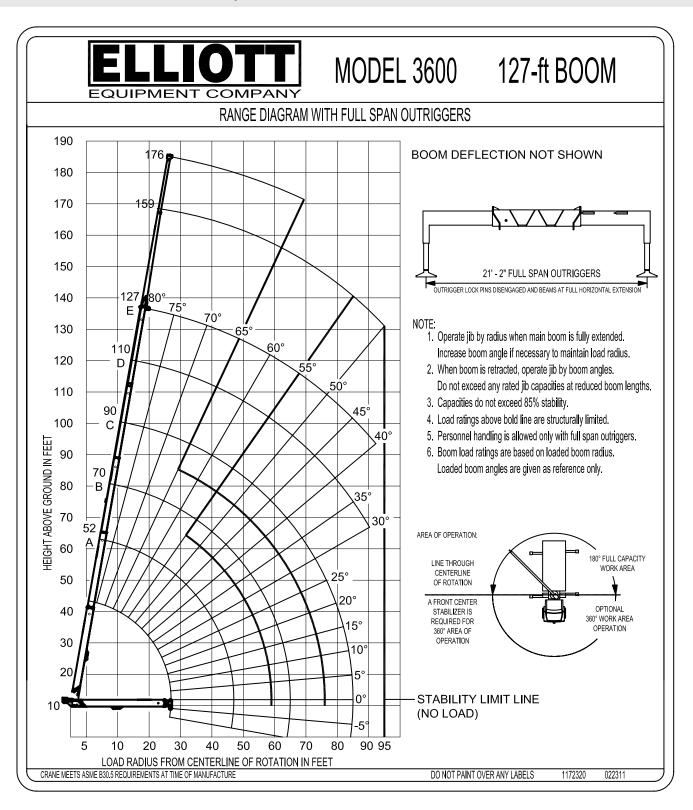
CRANE MEETS ASME B30.5 REQUIREMENTS AT TIME OF MANUFACTURE

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RANGE CHART - MAIN BOOM + JIB, FULL-SPAN OUTRIGGERS



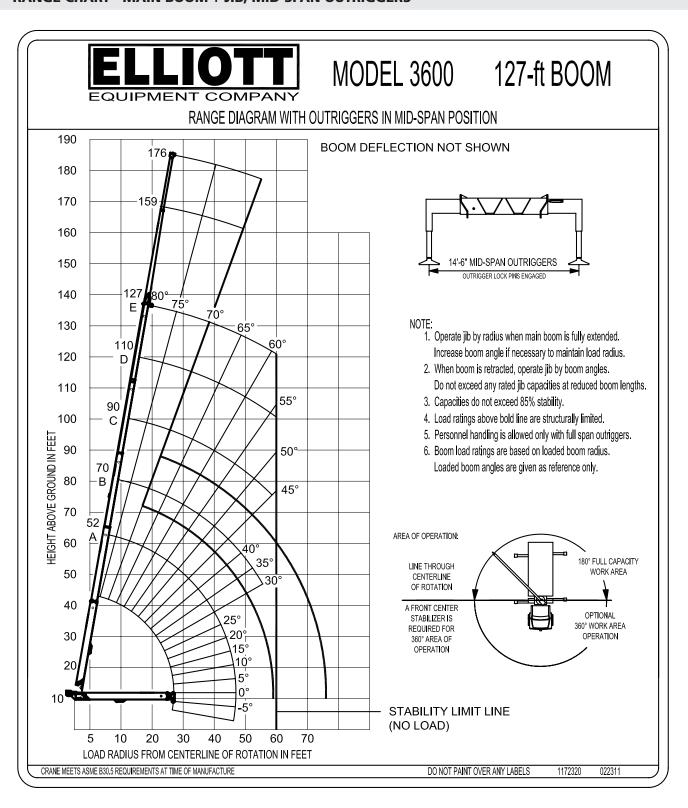


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RANGE CHART - MAIN BOOM + JIB, MID-SPAN OUTRIGGERS





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RECOMMENDED CHASSIS SPECIFICATIONS

	36127R BoomTruck
Wheelbase (WB)	286" / 726 cm
Cab to Axle (CA)	200" / 508 cm
Cab to End of Frame (EOF)	320" / 813 cm
Frame Section Modulus	30.0 in3-110,000 psi / 492 cm3-758,428 kPa
Front Axle Gross Weight Rating	20,000 lb / 9072 kg
Rear Axle Gross Weight Rating	53,200 lb / 24 131 kg (13,200 lb Pusher Axle)
Integral Front Frame Rails	Required for Front Stabilizer

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. Includes battery charging feature and optional LMI screen.



Pin-On Jib Attachments

Two piece telescoping jib with material handling and basket attachment capabilities. Stows on the side of the boom for easy placement while on the worksite.



Hydraulic Oil Cooler

Add a hydraulic oil cooler to assist with high duty cycle job applications.



Automatic Safety Rotation Lockout

"Short-jack" your BoomTruck by adding an automatic safety lockout to prevent boom movement over the side where outriggers are not fully extended.



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 install a 2-3 part hook block or a 4 part-hook block to improve lifting capabilities. The block can be stored towards the front of the bed.



Gravity Leveled Basket

Elliott's new 600 lb capacity 2-man platform features a 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 compatability by adding hose reels or hydraulic circuits to the crane bed.



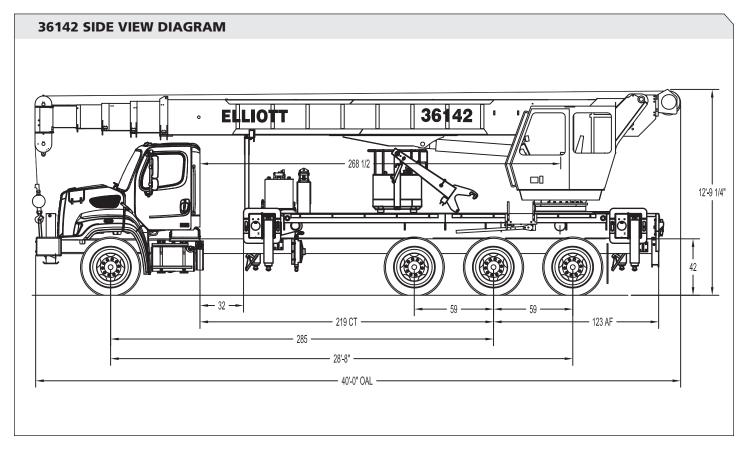
Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127











•	Maximum	Vertical	Reach
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201'/61,3 m

Working Area

360 Degrees

Lifting Capacity

• Overall Height

12'10"/3,9 m

5

72,000 lbs/32 659 kg • Operator Controls (Standard)

Boom Length

• Outrigger Type Front 142'/43,3 m

Rotating Standup

• Crane Weight (Standard)

35,210 lbs/15 971 kg Outrigger Spread Front Out-Down

• Jib Lengths

32'-49'/10-15 m

21'2"/6,4 m

• Winch Bare Drum Pull

• Outrigger Type Rear

Out-Down

12,800 lbs/5806 kg

Outrigger Spread Rear

• Powered Boom Sections

21'2"/6,4 m



Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127



TECHNICAL SPECIFICATIONS

Crane Capacity: 72,000 lbs at 5' load radius.

Maximum Tip Height: 152' height (201' with optional 32'-49' jib)

Control Console: Rotating turret single operator standup control station equipped with four single axis control levers for the main crane controls. Operator station includes LMI display, 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. 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 425' of 9/16" diameter rotation resistant wire rope with a single line pull of 9,060 pounds, 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 warning and shut-off functions to limit

hook-boom point contact.

Outriggers: Two sets of out and down overframe outriggers with 21'2" span. Outriggers are configured for full span or mid span operation. Outriggers equipped with ball socket aluminum removable pads that stow on vertical outrigger legs. Single front bumper stabilizer.

Frame: Full length, all welded rigid 4-plate design sub-frame. Sub-frame allows for bolt-on addition of 20' 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 onepiece weldment. Turret rotates on large diameter ball bearing.

Rotation: Hydraulic motor drives turret through double reduction planetary swing drive for continuous rotation. The swing drive system has a spring applied, pressure release 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 or hot 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.

Oil Tank Capacity: 119 gallon aluminum reservoir mounted on outrigger or truck frame.

Cab Equipment: 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 boxes black.

Bumper: Bureau of Motor Carrier Safety rear bumper.

Weight: Approximately 35,210 lbs. with 20' bed wings less truck.

Truck Chassis Required: Approx. 219" C.T., 3,200,000 in-lb RBM frame rails, 20,000 lb. front axle and 78,000 lb. GVWR recommended. Truck must have a front frame extension, 12V electrical system with high capacity alternator, cab clearance stop/tail/backup lights, and I.D. lamps. Contact factory when additional equipment is to be added.

Options:

Enclosed Operator Cab with Heater Open Seated Rotating Control Station 32' to 49' Two-Piece Telescopic Jib Radio Remote Controls Gravity-Leveled Steel Basket Line Blocks for Multi-Part Line Hydraulic Oil Cooler Toolbox Storage Options Much more....

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



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LOAD CHART - MAIN BOOM, FULL-SPAN OUTRIGGERS



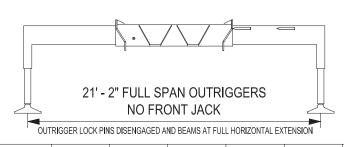
MODEL 3600 142-ft BOOM

LOAD RATINGS WITH FULLY EXTENDED OUTRIGGERS

	MAIN BOOM LOAD RATINGS (LBS)																	
LOAD	LOADED BOOM		LOADED BOOM	Α	LOADED BOOM	В	LOADED BOOM	С	LOADED BOOM	D	LOADED BOOM	E	LOADED BOOM	F	LOADED BOOM	G	LOADED BOOM	Н
RADIUS IN FEET	ANGLE	35 - FT	ANGLE	47-FT	ANGLE	61-FT	ANGLE	74-FT	ANGLE	88-FT	ANGLE	101-FT	ANGLE	115 - FT	ANGLE	128 - FT	ANGLE	142 - FT
5	71.7	72,000																
8	68.2	48,000																
10	64.6	41,000	71.4	40,000														
12	60.9	35.900	68.8	34,000	73.8	30,000												
15	55.2	28,000	64.8	26,500	70.9	24,500	74.3	24,000										
20	44.4	20,000	57.9	20,000	65.8	20,000	70.3	17,500	73.5	17,000								
25	31.0	15,000	50.3	15,500	60.5	15,500	66.1	15,000	70.1	14,500	72.7	13,200	74.9	12,000				
30			41.9	12,000	55.0	12,000	61.8	12,400	66.6	12,400	69.7	11,300		10,500		8,500		
35			31.7	9,400	49.0	9,700	57.3	10,200	63.0	10,200	66.7	9,400	69.6	9,500	71.8	8,200	73.6	6,000
40			16.8	7,200	42.5	8,000	52.5	8,400	59.2	8,400	63.5	8,200	67.0	8,300	69.4	7,700	71.5	5,700
45					34.9	6,500	47.5	6,800	55.4	6,800	60.7	7,000	64.2	7,200	67.0	6,600	69.4	5,500
50					25.6	5,100	42.0	5,500	51.3	5,500	57.0	5,500	61.4	5,600	64.6	5,600	67.2	5,200
55					10.4	4,400	35.8	4,500	47.0	4,600	53.6	4,600	58.6	4,700	62.0	4,700	65.0	4,400
60							28.6	3,600	42.4	3,700	49.9	3,700	55.6	3,800	59.5	3,800	62.8	3,600
65							18.9	2,800	37.3	3,000	46.1	3,000	52.5	3,100	56.8	3,100	60.5	3,000
70									31.5	2,200	42.0	2,200	49.3	2,400	54.1	2,400	58.1	2,200
75									24.6	1,500	37.6	1,600	45.9	1,700	51.3	1,700	55.7	1,700
80									15.0	800	32.7	1,150	42.3	1,150	48.4	1,200	53.2	1,250
85											27.0	800	38.5	800	45.3	850	50.7	850
90															42.1	600	48.0	600
95																		
	0	11,500	0	6,500	0	4,000	0	1,300										
		900		650		500		400		350		300		250		250		200

JIB L	OAD R	ATINGS		
(I DC)				
(LBS)				
32-49 FT EXTENDABLE JIB				
LOAD	LOADED	32 FT		
RADIUS (FT)	BOOM ANGLE	JIB RETRACTED		
33	80.0	3,400		
44	75.0	3,200		
58	70.0	2,700		
70	65.0	1,500		
80	62.0	1,000		
LOAD RADIUS	LOADED BOOM	49-FT		
(FT)	ANGLE	JIB EXTENDED		
35	80.0	2,200		
50	75.0	2,200		
70	70.0	1,600		
80	65.0	1,000		

DEDUCTIONS FOR STOWED EXTENDABLE JIB (LBS)



ELLIOTT EQUIPMENT CO. SUPPLIED LOADLINE EQUIPMENT DEDUCTIONS:

DOWNHAUL WEIGHT	180 LBS
ONE SHEAVE BLOCK	236 LBS
TWO SHEAVE BLOCK	291 LBS
THREE SHEAVE BLOCK	639 LBS
FOUR SHEAVE BLOCK	762 LBS
AUXILIARY SHEAVE	100 LBS

1-PART LINE	2-PART LINE	3-PART LINE	4-PART LINE	5-PART LINE	6-PART LINE	7-PART LINE	8-PART LINE	NOTICE	
								DO NOT DEADHEAD LINE BLOCK AGAINST BOOM THE WHEN EXTENDING BOOM. KEEP AT LEAST 5 WARPS OF LOADLINE ON THE WINCH DRUM AT ALL TIMES. LUSE ONLY 9/19° DIAMETER WIRE ROPE. AS SPECIFIED BELOW, WITH THE PROPER BREAKING STRENGTHS LISTED. ANTL-TWO-BLOCK SYSTEM MUST BE IN GOOD OPERATING CONDITION ESPORE OPERATION & SAFETY MANUAL.	
MAX PULL: 9,600 lbs	19,200 lbs	28,800 lbs	38,400 lbs	48,000 lbs	57,600 lbs	67,200 lbs	72,000 lbs	9/16" - 6 x 37 IWRC (3.5:1 S.F.) 33,600-bs. BREAKING STRENGTH	
MAX PULL: 9,060 lbs	18,120 lbs	27,180 lbs	36,240 lbs	45,300 lbs	54,360 lbs	63,420 lbs	72,000 lbs	9/16" - SPIN RESISTANT (5:1 S.F.) 45,300-lbs. BREAKING STRENGTH	
CRANE MEETS A	SME B30 5 REQUIREMENT	S AT TIME OF MANUFACTI	IRF					1214820 072216	1



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LOAD CHART - MAIN BOOM, MID-SPAN OUTRIGGERS

MODEL 3600 142-FT BOOM LOAD RATINGS WITH OUTRIGGERS AT MID-SPAN POSITION **EQUIPMENT COMPANY** MAIN BOOM LOAD RATINGS (LBS) JIB LOAD RATINGS LOADED BOOM ANGLE 35-FT ANGLE 47-FT ANGLE 61-FT ANGLE 74-FT ANGLE 88-FT ANGLE 101-FT ANGLE 128-FT ANGLE 142-FT (LBS) IN FEET 71.7 72.000 32-49 FT EXTENDABLE JIB 68.2 48.000 LOADED 32 FT RADIUS BOOM 10 64.6 |41,000 | 71.4 |40,000 (FT) RETRACTED 60.9 | 35.900 | 68.8 | 34,000 | 73.8 | 30,000 33 80.0 3,400 55.2 | 28,000 | 64.8 | 26,500 | 70.9 | 24,500 | 44 75.0 3,200 44.4 | 18,000 | 57.9 | 18,800 | 65.8 | 19,000 | 70.3 | 17,500 | 73.5 | 17,000 31.0 | 11,000 | 50.3 | 11,800 | 60.5 | 12,000 | 66.1 | 12,300 | 70.1 | 12,500 | 72.7 | 12,900 | 74.9 | 12,000 LOADED 49-FT RADIUS 30 41.9 | 7,800 | 55.0 | 8,100 | 61.8 8,400 66.6 8,600 69.7 8,800 72.3 8,900 (FT) 35 31.7 5,200 | 49.0 | 5,600 | 57.3 5,800 63.0 6,000 66.7 6,200 | 69.6 | 6,300 | 71.8 6,400 35 80.0 2,200 40 3,500 42.5 3,800 52.5 4,000 59.2 4,200 63.5 4,400 67.0 4,500 69.4 4,500 71.5 4,500 50 75.0 2,200 45 34.9 2,500 47.5 2,700 55.4 2,800 60.7 3,000 64.2 3,100 67.0 3,200 3,300 69.4 50 25.6 | 1,500 | 42.0 1,700 51.3 1,800 57.0 2,000 61.4 2,200 64.6 2,200 67.2 2,300 55 700 35.8 900 47.0 1,000 53.6 1,400 65.0 1,200 | 58.6 | 1,300 | 62.0 1,400 60 600 59.5 700 62.8 600 55.6 700 49.9 65 70 75 80 85 90 95 7.100 0 3.000 0 600 0 200 DEDUCTIONS FOR STOWED 900 650 500 400 350 300 250 250 EXTENDABLE JIB (LBS) ELLIOTT EQUIPMENT CO. SUPPLIED LOADLINE EQUIPMENT DEDUCTIONS: DOWNHAUL WEIGHT180 LBS ONE SHEAVE BLOCK.....236 LBS TWO SHEAVE BLOCK..... ..291 LBS 14'-6" MID-SPAN OUTRIGGERS THREE SHEAVE BLOCK..... ..639 LBS FOUR SHEAVE BLOCK......762 LBS NO FRONT JACK AUXILIARY SHEAVE.. OUTRIGGER LOCK PINS ENGAGED 3-PART LINE | 4-PART LINE | 5-PART LINE | 6-PART LINE 7-PART LINE NOTICE 1-PART LINE | 2-PART LINE 8-PART LINE INUTIOE BLOCK AGAINST BOOM TIP WHEN EXTENDING BOOM, KEEP AT LEAST S WARPS OF LOADLINE ON THE WINCH DRUM AT ALL TIMES. - USE ONLY 9/18* DIAMETER WIRE ROPE, AS SPECIFIED BELOW, WITH THE PROPER BREAKING STRENGTHS LISTED. - ANTI-TWO-BLOCK SYSTEM MUST BE IN GOOD OPERATING CONDITION BEFORE OPERATING CANDEL SEE OPERATION & SAFETY MANUAL. SEE OPERATION & SAFETY MANUAL.



MAX PULL: 9,600 lbs

MAX PULL: 9,060 lbs

19.200 lbs

18.120 lbs

CRANE MEETS ASME B30.5 REQUIREMENTS AT TIME OF MANUFACTURE

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28.800 lbs

27.180 lbs

38,400 lbs

36.240 lbs

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48,000 lbs

45.300 lbs

57,600 lbs

54,360 lbs

67,200 lbs

63.420 lbs

72,000 lbs

72.000 lbs

W16* - 6 x 37 IWRC (3.5:1 S.F.) 13,600-lbs. BREAKING STREN

9/16" - SPIN RESISTANT (5:1 S.F.) 45,300-lbs. BREAKING STRENGT 1214820



RANGE CHART - MAIN BOOM + JIB, FULL-SPAN OUTRIGGERS MODEL 3600 142-FT BOOM RANGE DIAGRAM WITH FULL SPAN OUTRIGGERS 210 200 191 49' 190 180 JIB 170 21' - 2" FULL SPAN OUTRIGGERS OUTRIGGER LOCK PINS DISENGAGED AND BEAMS AT FULL HORIZONTAL EXTENSION 160 NOTE: 1. Operate jib by radius when main boom is fully extended. 150 142 Increase boom angle if necessary to maintain load radius. 2. When boom is retracted, operate jib by boom angles. 70° 140 Do not exceed any rated jib capacities at reduced boom lengths. 60° . 128 3. Capacities do not exceed 85% stability. 130 −Ĝ 55° 4. Load ratings above bold line are structurally limited. 5. Personnel handling is allowed only with full span outriggers. 115 50° 120 6. Boom load ratings are based on loaded boom radius. Loaded boom angles are given as reference only. 110 101 È 45° 100 88 360° FULL CAPACITY HEIGHT ABOVE GROUND IN FEE D WORK AREA 90 40° AREA OF OPERATION: 80 LINE THROUGH CENTERLINE OF ROTATION 70 35 60 50 25° 40 15° 10 5 STABILITY LIMIT LINE (NO LOAD) -5° 30 40 50 60 80 90 LOAD RADIUS FROM CENTERLINE OF ROTATION IN FEET **BOOM DEFLECTION NOT SHOWN** CRANE MEETS ASME B30.5 REQUIREMENTS AT TIME OF MANUFACTURE



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1214820

RANGE CHART - MAIN BOOM + JIB, MID-SPAN OUTRIGGERS MODEL 3600 142-FT BOOM RANGE DIAGRAM WITH OUTRIGGERS IN MID-SPAN POSITION 210 200 80° 75° 49' 190 176 180 32 JIE. 170 159 14'-6" MID-SPAN OUTRIGGERS OUTRIGGER LOCK PINS ENGAGED NOTE: 160 Operate jib by radius when main boom is fully extended. Increase boom angle if necessary to maintain load radius. 150 2. When boom is retracted, operate jib by boom angles. Do not exceed any rated jib capacities at reduced boom lengths. 140 3. Capacities do not exceed 85% stability. 128 4. Load ratings above bold line are structurally limited. 130 5. Personnel handling is allowed only with full span outriggers. 120 6. Boom load ratings are based on loaded boom radius. Loaded boom angles are given as reference only. 110 /1d1 È 100 360° FULL CAPACITY *l*//88 HEIGHT ABOVE GROUND IN FEET WORK AREA 90 AREA OF OPERATION: 80 LINE THROUGH CENTERLINE OF ROTATION 70 60 40 50 40 30 20 STABILITY LIMIT LINE (NO LOAD) 20 30 40 80 90 BOOM DEFLECTION NOT SHOWN LOAD RADIUS FROM CENTERLINE OF ROTATION IN FEET



Elliott Equipment Company 4427 South 76th Circle Omaha, NE 68127

CRANE MEETS ASME B30.5 REQUIREMENTS AT TIME OF MANUFACTURE

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1214820

RECOMMENDED CHASSIS SPECIFICATIONS

	36142 BoomTruck		
Wheelbase (WB)	285" / 724 cm		
Cab to Axle (CA)	219" / 556 cm		
Cab to End of Frame (EOF)	344" / 874 cm		
Frame Section Modulus	30.0 in3-110,000 psi / 492 cm3-758 MPa		
Front Axle Gross Weight Rating	20,000 lb / 9072 kg		
Rear Axle Gross Weight Rating	58,000 lb / 26 308 kg		
Integral Front Frame Rails	Required for Front Stabilizer		

Chassis data shows minimum general requirements-not for engineering. Actual dimensions and truck data will depend on truck selection and axle configuration.

*Minimum chassis weights are 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. Includes battery charging feature and optional LMI screen.



Pin-On Jib Attachments

Two-piece telescoping jib with material handling and basket attachment capabilities. Stows on the side of the boom for transport to the jobsite.



Hydraulic Oil Cooler

Add a hydraulic oil cooler to assist with high duty cycle job applications. Cooler activates automatically if the hydraulic oil temperature reaches a critical level.



Automatic Safety Rotation Lockout

"Short-jack" your BoomTruck by adding an automatic safety lockout to prevent boom movement over the side where outriggers are not fully extended.



Operator Cab

The enclosed steel operator cab includes an adjustable seat, windshield wipers, diesel heater, fan, and optional air conditioning.



Hook Block for Multi-Part Line

Choose from a range of available hook blocks for working with up to 8 parts of line. The block can be stored towards the front of the



2-Man Yoke Work Platform

Elliott's 600 lb capacity 2-man platform features a hydraulic yoke lifting system for easy attachment to the boom or jib tip. Fully OSHA compliant and heavy duty.



Body Mounted Hose Reels and Circuits

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



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