



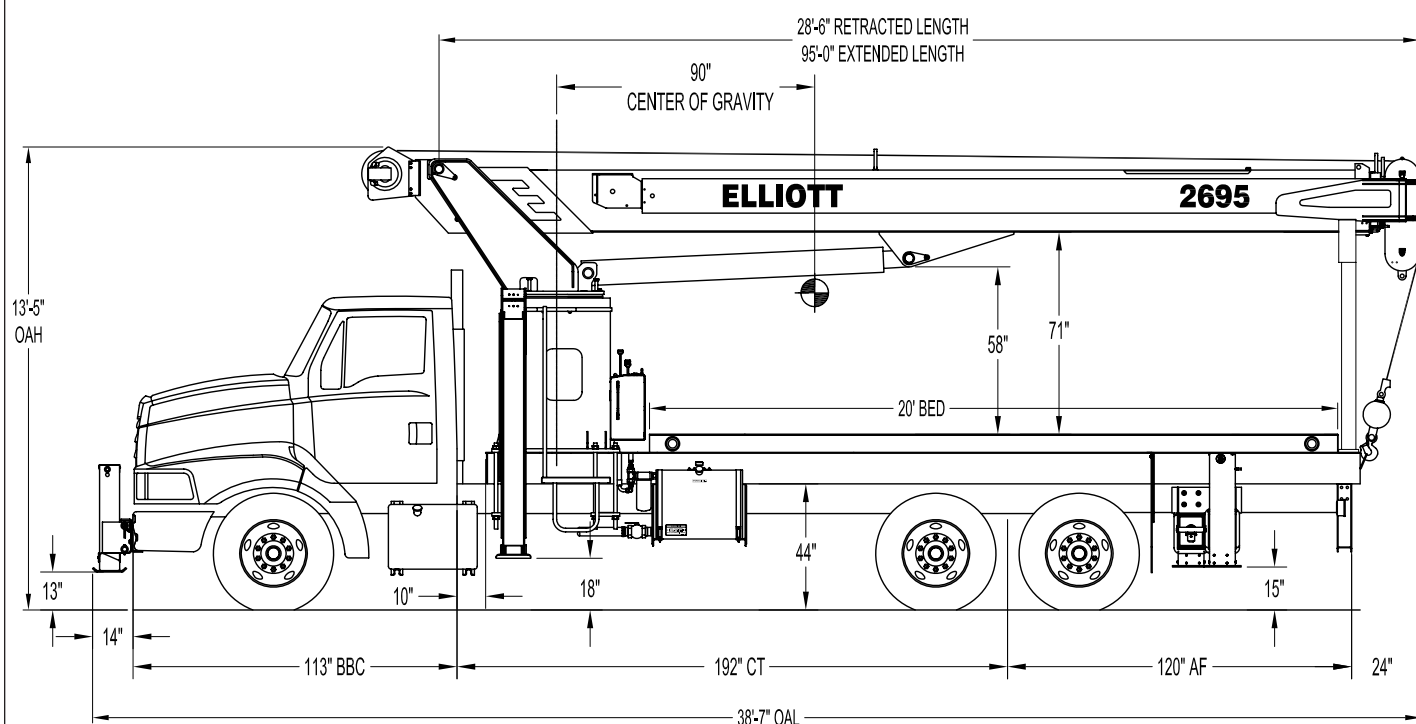
BoomTruck™

2695F

TECHNICAL SPECIFICATIONS



2695F SIDE VIEW DIAGRAM



- **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'/28.9 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/5,806 kg

- **Powered Boom Sections** 4
- **Overall Height** 13'5"/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



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Built for You.
www.elliottequip.com

**BOOMTRUCK - 2695F****TECHNICAL SPECIFICATIONS****TECHNICAL SPECIFICATIONS**

Crane Capacity: 52,000 lbs at five feet 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 one-piece weldment. Turret rotates on large diameter ball bearing.

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

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



BOOMTRUCK - 2695F

TECHNICAL SPECIFICATIONS

MAXIMUM LIFTING CAPABILITIES

MAIN BOOM LOAD RATINGS WITH FULLY EXTENDED OUTRIGGERS

LOAD RADIUS IN FEET	LOADED BOOM ANGLE	28-FT.	LOADED BOOM ANGLE	43-FT.	LOADED BOOM ANGLE	56-FT.	LOADED BOOM ANGLE	69-FT.	LOADED BOOM ANGLE	82-FT.	LOADED BOOM ANGLE	95-FT.
5	78.5	52,000										
8	72	41,600	79	30,700								
10	67	35,100	76	30,500	80	24,000						
12	62.5	30,400	73.5	26,300	78	21,000						
14	57	26,500	70.5	23,200	75.5	18,700	79	19,000				
16	51.5	22,600	67.5	20,500	73.5	15,300	77.5	17,000	80	14,500		
20	39	18,300	61	18,000	69	12,400	74	13,900	77	12,500	79	10,200
25	11.5	13,000	52.5	13,700	63	10,400	69.5	11,100	73.5	10,500	76.5	9,100
30			42.5	10,700	57.5	8,800	65	9,650	70	9,000	73.5	8,100
35			31	8,700	50.5	7,250	60	8,250	66	7,550	70	7,050
40					43	6,050	55	7,150	62	6,650	66.5	6,150
45					34	4,900	49.5	6,000	57.5	5,700	63	5,350
50					21	3,750	43	4,950	53	4,700	59.5	4,650
55							35.5	4,100	48	4,050	56	4,050
60							26.5	3,350	43	3,400	51.5	3,450
65							11	2,650	37	2,850	47.5	2,850
70									30	2,350	42.5	2,350
75									20.5	1,950	37.5	1,950
80											31.5	1,550
85											24	950
	0	6,000	0	3,000	0	1,000	0	500				
DEDUCTIONS FOR STOWED JIB (lbs)		900		600		450		350		300		250
		600		400		300		250		200		200

JIB LOAD RATINGS WITH
FULLY EXTENDED OUTRIGGERS

26-ft FIXED LENGTH JIB			26'-45' TWO SECTION JIB					
			RETRACTED 26' JIB			EXTENDED 45' JIB		
LOAD RADIUS IN FEET	LOADED BOOM ANGLE	26-ft JIB	LOAD RADIUS IN FEET	LOADED BOOM ANGLE	26-ft JIB	LOAD RADIUS IN FEET	LOADED BOOM ANGLE	45-ft JIB
25	77	5,550	25	77	5,300	25	79	3,000
30	74.5	4,750	30	74.5	4,500	30	77	2,800
35	72	4,250	35	72	4,000	35	74.5	2,550
40	69.5	3,750	40	69.5	3,500	40	72.5	2,300
45	66.5	3,150	45	66.5	2,900	45	70.5	2,050
50	64	2,700	50	64	2,450	50	68	1,900
55	61.5	2,150	55	61.5	1,900	55	66	1,650
60	58.5	1,900	60	58.5	1,550	60	63.5	1,400
65	55.5	1,600	65	55.5	1,350	65	61.5	1,100
70	52.5	1,400	70	52.5	1,150	70	59	1,000
75	49.5	1,050	75	49.5	800	75	56.5	800
80	46	850	80	46	600	80	54	600

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

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

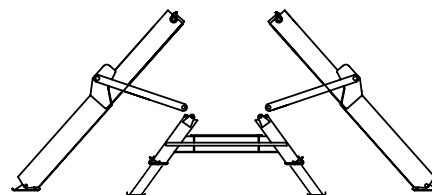
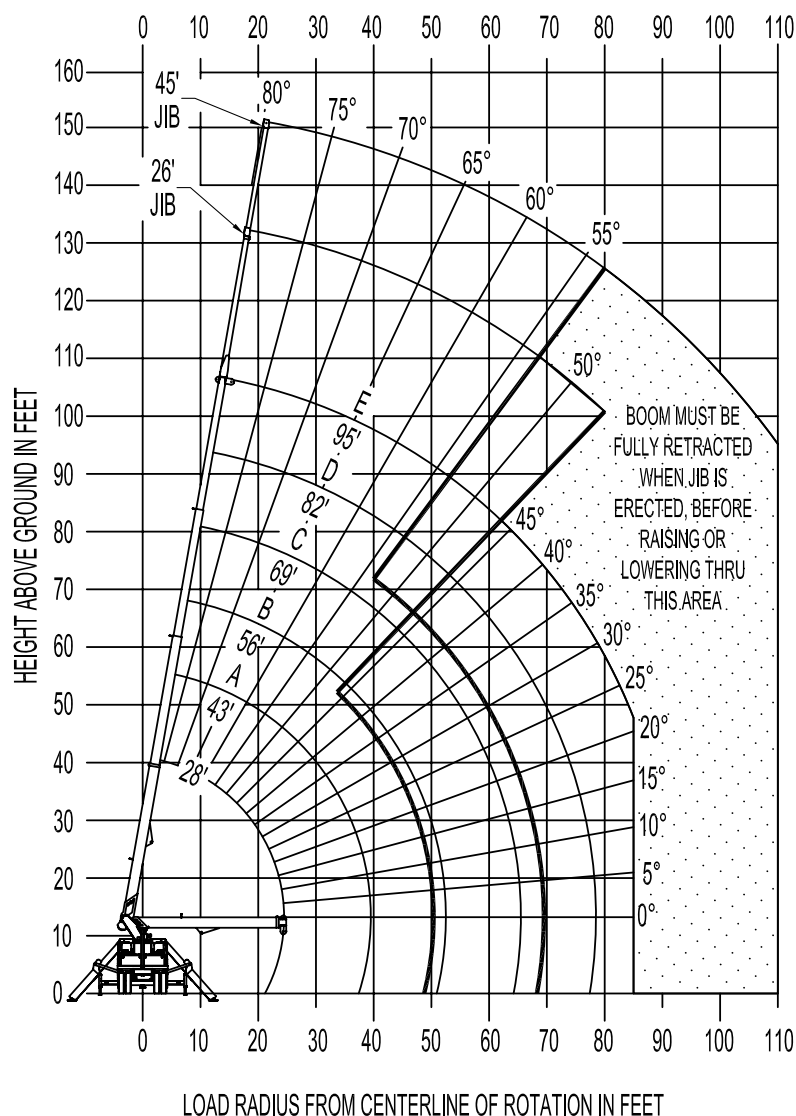


ELLIOTT EQUIPMENT CO. SUPPLIED
LOADLINE EQUIPMENT DEDUCTIONS:
DOWNHAUL WEIGHT180 lbs
ONE SHEAVE BLOCK.....375 lbs
TWO SHEAVE BLOCK.....640 lbs
THREE SHEAVE BLOCK.....870 lbs
AUXILIARY SHEAVE.....100 lbs

MAX PULL: 9,060 lbs 18,120 lbs 27,180 lbs 36,240 lbs 45,300 lbs 52,000 lbs

CRANE MEETS ASME B30.1 REQUIREMENTS AT TIME OF MANUFACTURE

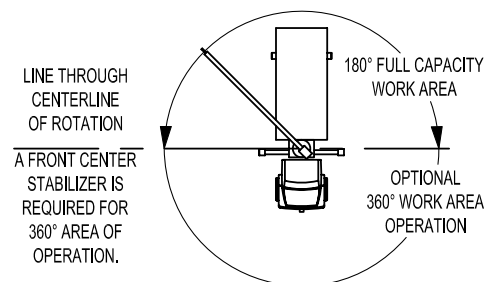
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**BOOMTRUCK - 2695F****TECHNICAL SPECIFICATIONS****MAXIMUM RANGE CAPABILITIES****RANGE DIAGRAM**

OUTRIGGERS AT FULL EXTENSION

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. 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

**BOOMTRUCK - 2695F****TECHNICAL SPECIFICATIONS****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 / 9,072 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.

**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**

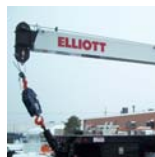
Add the convenience of 360 degree continuous rotation by adding a special boom rotation bearing for swinging without stops.

**Digger / Auger Attachment**

Dig faster and deeper with Elliott's auger attachment, offering 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 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.