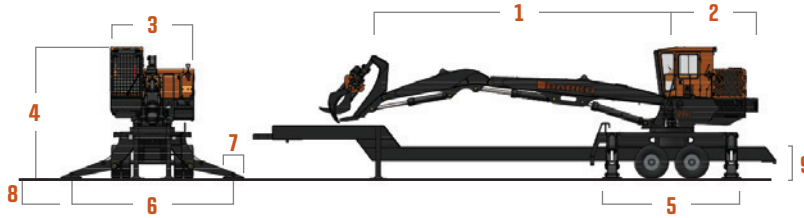


495B TRAILER/TRUCK MOUNT LOADER

The BARKO® 495B Knuckleboom Loader delivers all the performance you expect on the job, while using less fuel and providing more comfort. Equipped with intuitive controls, the 495B offers an incredibly low total cost of operation. Providing more productivity thanks to exceptional power and swing torque, the 495B is durably built to perform harder and last longer.

EST.  1963

KING OF THE FOREST

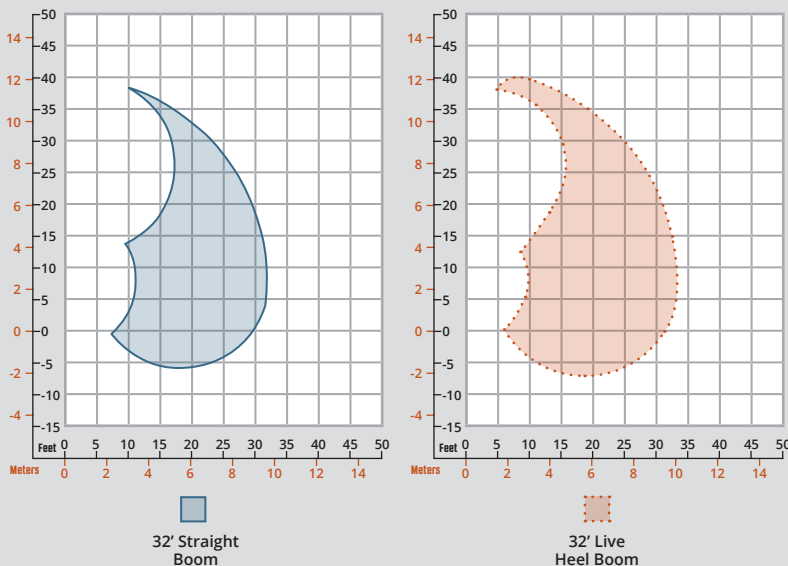


SPECIFICATIONS

DIMENSIONS

1	Maximum Reach	32' (9.75 m) straight boom	32' (9.75 m) live heel boom
2	Tail Swing Radius	8'10" (2.9 m) with standard counterweight 9' 3" (2.8 m) with optional counterweight	
3	Transport Width	8' 6" (2.59 m)	
4	Transport Height	13' 6" (4.11 m) (mounted on 40" high frame)	
4	Transport Height (Cab Tilted)	13' 4" (4.06 m) (mounted on 40" high frame)	
5	Stabilizer Length	14' 1" (4.29 m)	
6	Stabilizer Width (Ground Level)	18' 6" (5.64 m)	
7	Stabilizer Pad Size	23.6" x 21.2" (50 cm x 54 cm)	
8	Stabilizer Ground Penetration	13" (33 cm)	
9	Trailer Frame Height	40" (101 cm)	
Max Trailer Frame Width		35" (89 cm)	
Max Trailer Frame Beam Height		16" (41 cm)	
Counterweight		Standard: 3000 lb (1361 kg) Optional: 7000 lb (3175 kg)	
Weight with Standard Counterweight (less attachment and options)		31,000 lbs (14061 kg)	32,500 lbs (14742 kg)

BOOM SWEEP



POWER UNIT

Engine		Cummins QSB6.7 6-cylinder US EPA Tier 4 Final (EU Stage IV)
Rated HP		173 hp (129 kW) at 2200 rpm
Peak HP		183 hp (136 kW) at 2000 rpm
Peak Torque		620 ft-lb (841 N-m) at 1500 rpm
Cooling Package	Cooling	Side-by-side charge air cooler, radiator, oil cooler, swing-out AC condenser
	Fan	Engine driven, fixed-pitch
Air Cleaner		2-Stage
Fuel Filtration		Primary and secondary with water separator
Fuel Capacity		120 gal (454 L)
DEF Capacity		10 gal (37.8 L)
Throttle		Electronic; economy mode, auto-idle

HYDRAULIC SYSTEM

Main Pump	(1) Axial piston, load sensing
Swing Pump	(1) Axial piston, variable displacement hydrostatic (With Delimber and Bar Slasher hydraulic package only)
Reservoir	56 gal (212 L)
Filtration	(1) In-tank main return, (1) spin-on drain
Fill Pump	Hand operated pump with included hose (electric version optional)
Control Valve	Sectional; pilot or electrically operated load sensing
Collector	4-Port rotary manifold (6-port with Circle Slasher package)
Cylinder, Main Boom	(1) 6.5" (16.5 cm) bore x 3.5" (8.9 cm) rod
Cylinder, Stick Boom	(1) 6.0" (15.2 cm) bore x 3.5" (8.9 cm) rod
Cylinder, Stabilizer	(4) 7.0" (17.8 cm) bore x 4.0" (10.2 cm) rod

BOOM MAX REACH

Lift Capacity 10' (3.05 m) Above Ground Per SAE J2417 (87% of hydraulic capacity)

Straight Boom	32' (9.75 m)	22,574 lbs (10239 kg) at 15' (4.57 m) 13,296 lbs (6031 kg) at 25' (7.62 m) 5,795 lbs (2629 kg) at full reach
	32' (9.75 m)	18,569 lbs (8423 kg) at 15' (4.57 m) 12,002 lbs (5444 kg) at 25' (7.62 m) 4,771 lbs (2164 kg) at full reach

SWING SYSTEM

Rotation	12 rpm, continuous, 44,000 ft-lb (59,655 N-m) (100% Theoretical)
Swing Bearing	46" (117 cm) outer diameter, internal gear with centralized greasing
Swing Drive	(2) Two stage planetary gearbox with piston motor
Brake	Hydrostatic dynamic braking, 59,000 ft-lbf (79,990 N-m) torque

ELECTRICAL

Battery	(1) 12V, 1425 CCA (at 0 deg F)
Alternator	130 A
System Voltage	12 VDC
Lighting	LED (2 stick boom, 6 cab)

BARKO INSIGHT

Features

- Maintenance interval reminders
- Monitor: fluid levels, temperatures, engine speed, productivity and fuel consumption
- Automatic alerts
- GPS tracking
- 24/7 monitoring
- Included 10-year subscription

OPERATOR'S STATION

Cab

- Guarded forward-sloping windshield with pantograph wiper and canvas transport cover
- Tinted sliding side and fixed skylight windows
- High capacity HVAC system with (4) downward-facing roof duct outlets above operator; (8) adjustable air outlets
- Color touch screen display to monitor engine, hydraulic and electrical systems
- Side console with key switch, emergency stop, 8-button keypad and HVAC controls
- User-programmable joystick button layout
- LED dome light
- Dual cup holders
- (1) 12V Power point and (2) USB Ports
- Heavy duty cell phone holder
- Stereo with AM/FM/CD, Bluetooth and XM Satellite radio
- CB Radio with retractable microphone holder

Seat

- Heated and vented seat with knee action suspension
- Air Ride suspension optional

OPERATOR CONTROLS

Boom	Dual joystick, pilot with adjustable main boom control damping
Stabilizers	Electric switch
Swing	Single foot bar, pilot (joystick swing optional)
Other controls	Programmable joystick button and/or touch-screen control

AUXILIARY EQUIPMENT

Ground Equipment (2 Options)

- Delimber and bar slasher saw hydraulic package
- 65 GPM (246 LPM) at 2800 PSI (193 Bar)

OR

- Circle slasher saw hydraulic package (add-on hydraulic butt-board slide auxiliary function or delimber hydraulics optional)
- Dedicated saw pump, adjustable up to 53 GPM (200 LPM) at 4000 PSI (275 Bar)

Stabilizer

- Trailer hydraulic landing gear control valve (optional with Delimber and Bar Slasher hydraulic package)

ATTACHMENT

Specs

- (2) Hydraulic circuits to end of boom
- Grapple open/close (55 GPM (208 LPM) at 2800 PSI (193 Bar))
- Grapple rotate left/right (14.5 GPM (55 LPM) at 2500 PSI (172 Bar))

Recommended

- Barko Strong Arm 50-Series 4850

Optional

- Grapple saw ready - control valve and boom plumbing (55 GPM (208 LPM) at 3600 PSI (248 Bar))

OPTIONS

Operator Cab

- Air Ride seat suspension
- Rear cab window
- Roll-out skylight sun shade
- 23" (58 cm) or 42" (107 cm) tilting riser
- 23" (58 cm), 36" (91 cm) or 48" (122 cm) fixed riser

Boom

- Single or double vee heel bar; offset version available
- Adjustable stick boom control damping

Cold-weather aids

- 120V engine block heater
- 120V hydraulic heater
- Diesel-fired engine/hydraulic pre-heater
- Hydraulic cooler thermal bypass

Greasing

- Centralized grease points
- Automatic greasing system

Electrical

- Auxiliary electrical circuit switched from touch screen



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* Specifications are subject to change.