

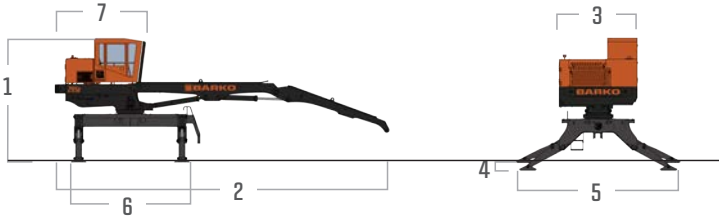


» 295B TRAILER/TRUCK MOUNT TIER 4 FINAL - SPECIFICATIONS



The Barko® 295B Loader offers enhanced serviceability and operating efficiency, contributing to an extremely low total cost of operation. Exceptional power and swing torque allow the 295B to deliver more loads every day. Lasting longer and performing harder, the 295B produces the results you expect while optimizing fuel efficiency.

SPECIFICATIONS



295B TRAILER/TRUCK MOUNT

DIMENSIONS

1	Overall Height	13' 8" (417 cm)
2	Overall Length	38' 10" (1,184 cm) with boom extended
3	Overall Width	8' 5" (257 cm)
4	Ground Penetration	7" (178 mm)
5	Stabilizer Width	15' 8" (478 cm)
6	Stabilizer Spread	10' 3" (312 cm)
7	Tail Swing	8' 8" (264 cm) with standard 1,300 lbs counterweight 8' 10" (269 cm) with optional 3,000 lbs counterweight
	Total Operating Weight	23,500 lbs (10,659 kg) without attachment

SUBFRAME

Structure	Center mount, unitized subframe and stabilizer assembly, plated pins
Cylinders	6" x 17" (152 x 432 mm) cylinders incl. 3" (76 mm) rods & built-in dual load locks, steel pistons & glands with wear rings
Pad Size	22.5" x 21.5" (57 x 55 cm)

PERFORMANCE

ENGINE

Model/Power	173 HP (129 kW) Cummins® QS86.7 Tier 4 with SCR aftertreatment
DEF Tank	10 gal. (38 L)
Fuel Tank	120 gal. (454 L)

HYDRAULICS

Tank	112 gal. (424 L) with return line filter, shut-off valve on pump suction line
Pump	88 GPM (333 LPM), single variable displacement load sense piston pump
Operating Pressure	3,000 psi (206 bar) main system
Features	Heavy-wall tubing and multi-wire braided hose; quick disconnect diagnostic ports

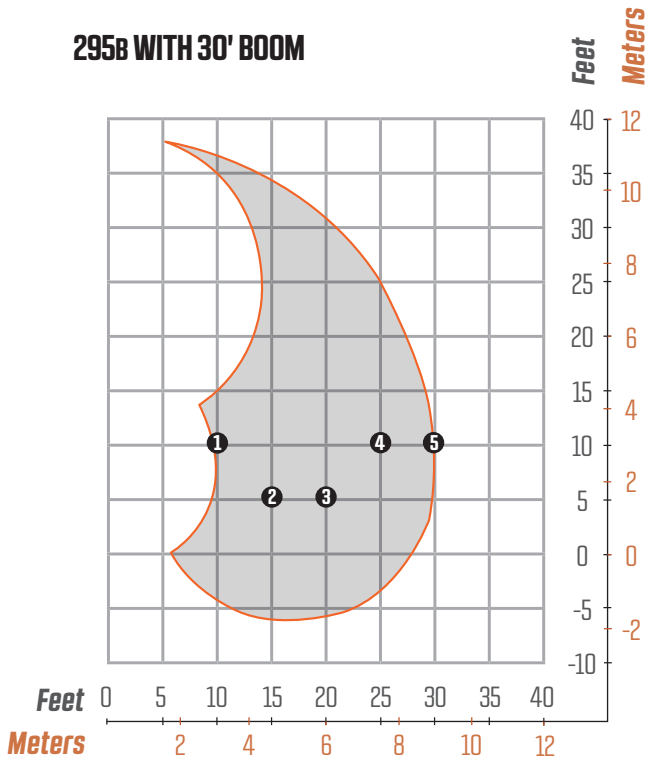
BOOM

Structure	All-welded construction with fabricated box type design; aluminum bronze bushings with grease grooves at boom pivot points
Horizontal Reach	30' (914 cm)
Vertical Reach	37' 6" (1,143 cm) with 42" (107 cm) high truck frame
Maximum Lift Capacity	22,820 (10,351 kg)

Cylinders	Features	Hydraulic cylinders with wear rings on pistons and bolt-on glands; heavy-duty steel tubing; induction hardened rods with heavy chrome plating; spherical bearings at all pivots
	Main Boom	6" x 51" (152 x 1,295 mm) with 3.5" (89 mm) rod
	Stick Boom	6" x 35" (152 x 889 mm) with 3.5" (89 mm) rod

BOOM SWEEP

295B WITH 30' BOOM



MAXIMUM LIFT CAPACITY

30' (9.1 m) straight boom, less attachment.

	Radius	Lift		Radius	Lift
1	10' (3.0 m)	19,960 lbs (9,054 kg)	4	25' (7.6 m)	10,240 lbs (4,645 kg)
2	15' (4.6 m)	17,390 lbs (7,888 kg)	5	30' (9.1 m)	5,420 lbs (2,458 kg)
3	20' (6.1 m)	12,920 lbs (5,860 kg)			

SWING SYSTEM

Rotation/Swing Speed	Continuous on 39" (991 mm) internal tooth turntable bearing; 8 RPM, power transmitted through dual motors and planetary gearboxes
Swing Torque	30,000 ft-lbf (40,674 Nm); 100% theoretical
Braking	Hydrostatic dynamic braking with 40,000 ft-lbf (54,232 Nm) braking swing torque

FEATURES & OPTIONS

OPERATOR CAB

38.5" x 55" (978 x 1397 mm) forward sloping pressurized cab with sound suppression insulation
 Heating & air conditioning
 AM/FM radio, CD player, CB radio
 Digital display: water temperature, voltage, engine oil pressure, fuel, hour meter, engine RPM, load sense pressure
 Tinted windows: roof, sliding side
 Pantograph windshield wipers, washer, dome light

Adjustable suspension seat with armrests
 Dual joystick controls
 Dash console with easy access start/stop controls and accessory switches
 Warning lights & monitor system
 Swing control operated by foot pedal
 Swing out entry door
 Front cab guard
 (2) 12-volt DC power points
 (6) 12-volt DC halogen cab lights

STANDARD FEATURES

Removable service panels
 Centralized turntable greasing system

1,300 lbs (589 kg) cast steel counterweight

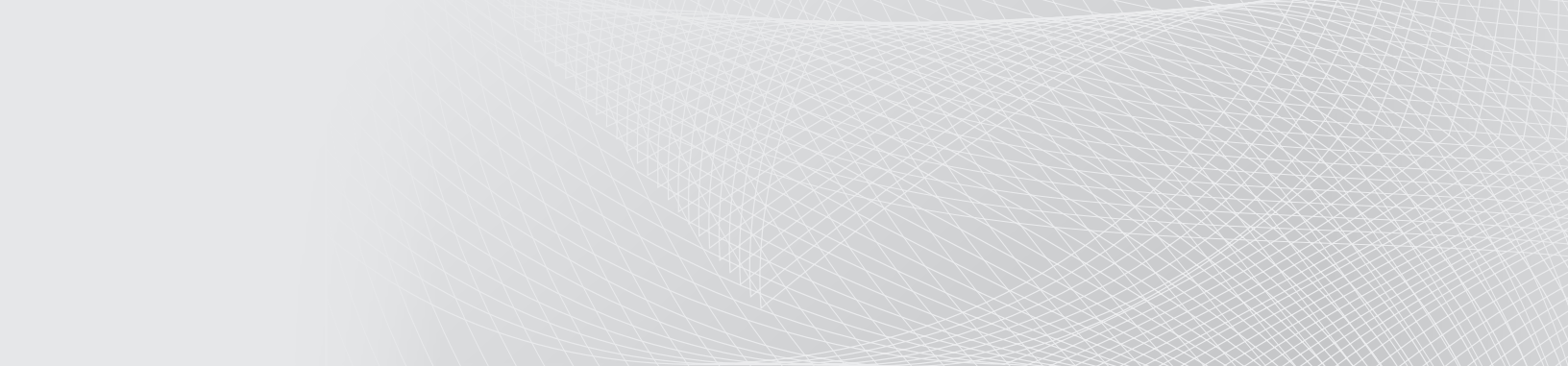
OPTIONS & ACCESSORIES

3,000 lb cast steel counterweight
 Self-propelled carrier hydraulics package
 Park brake kit (carrier)
 Bar saw hydraulics package
 30' (914 cm) straight, straight heavy-duty, or live heel boom
 Boom lights
 Log & pulp grapples
 Grapple saw
 Detachable heel bar (standard/offset, single/double vee)
 23" or 48" hydraulic tilt cab riser
 23", 36", or 48" fixed cab riser

Engine block heater
 Hydraulic tank heater
 Hydraulic thermal bypass
 Automatic greasing system
 12-volt hydraulic transfer pump
 10 or 15 kW magnet generator package
 Alternate hand/foot configurations (consult factory)

*See complete listing of options at www.barko.com.

* Specifications are subject to change.



BARKO HYDRAULICS, LLC

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<i>1 Year</i>	Full machine
<i>2 Years</i>	Powertrain and major hydraulic components
<i>3 Years</i>	Machine structure

WARRANTY