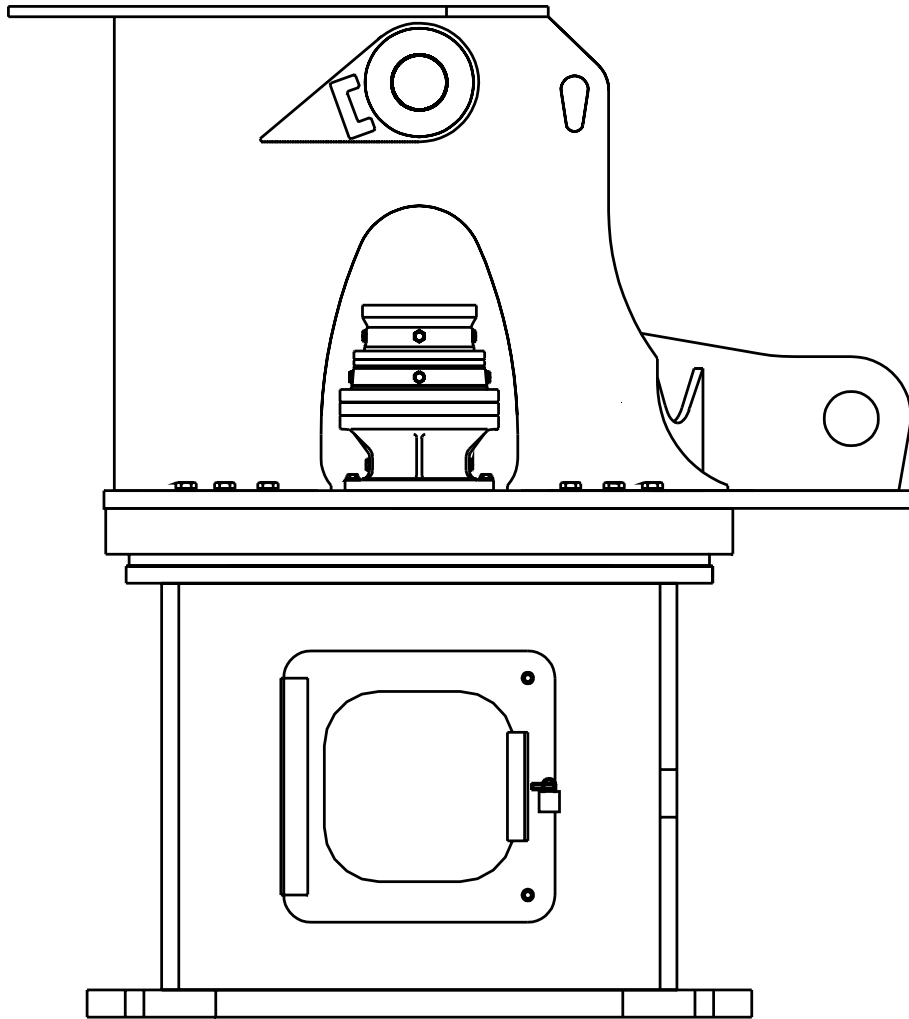


295ML SER ERS

KNUCKLEBOOM LOADERS > STATIONARY MOUNTS

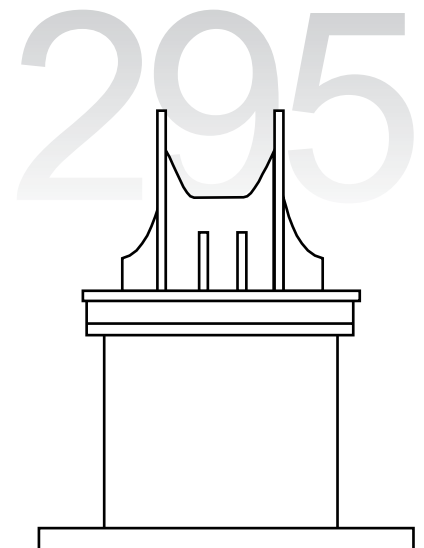
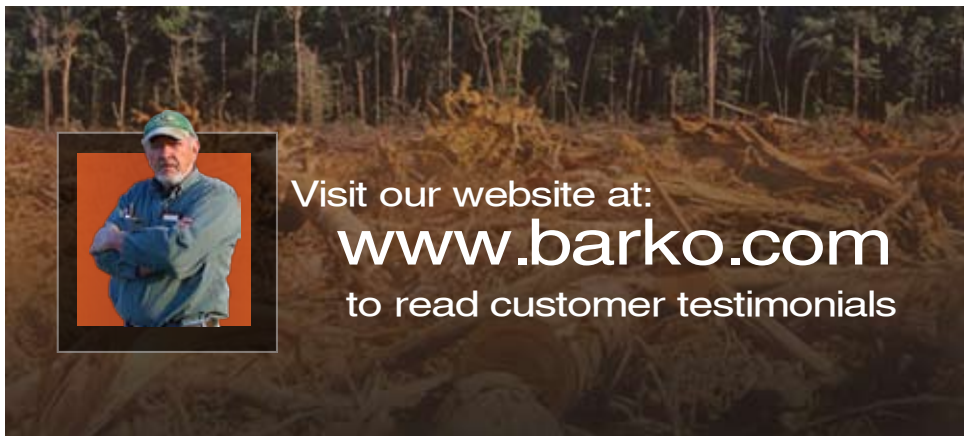
INDUSTRIAL



Introducing the Barko 295ML SER ERS

The Barko 295ML SER-ERS is our 295ML SE (stationary electric) with a remote power unit and an ERS (electric remote station) instead of a cab.

Barko's stationary electric knuckleboom loaders (material handlers) provide increased work productivity, and the lowest total cost of ownership than any other product on the market. Regardless of your application, the Barko 295ML SER-ERS consistently delivers up to 25% more loads. Equipped with more standard features than its competitors, the 295ML SER-ERS lasts longer, performs harder, and delivers the results you expect. There's nothing better than a Barko – Guaranteed!



WWW.BARKO.COM



BARKO HYDRAULICS, LLC

One Banks Avenue | Superior, WI 54880 | Ph: 715.392.5641 | Fx: 715.392.3931

295ML SER ERS

KNUCKLEBOOM LOADERS > STATIONARY MOUNTS

INDUSTRIAL

MAXIMUM LIFT CAPACITY

30' 0" (9.14 m) straight boom, less attachment.

Radius	Lift	
10' (3.05 m)	19,960 lbs.	(9,054 kg)
15' (4.57 m)	17,390 lbs.	(7,888 kg)
20' (6.10 m)	12,920 lbs.	(5,860 kg)
25' (7.62 m)	10,240 lbs.	(4,644 kg)
30' (9.14 m)	5,420 lbs.	(2,458 kg)

BOOM DATA

	30' 0"	(9.14 m)
Main	16' 8"	(5.08 m)
Stick	13' 6"	(4.11 m)

Boom structure: All welded construction with fabricated box type design. Aluminum bronze bushings with grease grooves at boom pivot points.

BOOM REACH

	30' 0"	(9.14 m)
Horizontal	30' 0"	(9.14 m)
Vertical	36' 9"	(11.20 m)

Vertical height based on 33" (8.38 mm) pedestal.

CYLINDERS

Hydraulic cylinders with wear rings on pistons and bolt on glands for extended life. All cylinders are made of heavy wall steel tubing. Induction hardened cylinder rods with heavy chrome plating.

Main boom: 6" x 51" (152 mm x 1295 mm) with 3-1/2" (89 mm) rod.

Stick boom: 6" x 35" (152 mm x 889 mm) with 3-1/2" (89 mm) rod.

Spherical bushings at all boom cylinder pivots.

AVAILABLE POWER SOURCES

Drip-proof encapsulated electric motor, 100 HP, 3-phase, 460 volt, 60 Hz, operates at 1800 RPM.

Electric collector: 4-pass, 300 amp capacity on each ring, mounted in pedestal base with continuous rotation only.

Electrical package: Breaker, NEMA 4 enclosure with motor start circuit and 3 phase power monitor.

Key start switch and emergency stop switch mounted on control console.

HYDRAULIC SYSTEM

150 gallon (568 L) hydraulic oil reservoir with return line filters and 100 mesh suction screen.

Pumps: Variable displacement piston pump producing 88 GPM (333 LPM).

Heavy-wall tubing and multi-wire braided hose throughout system.

Main system operating pressure 3000 PSI (206 BAR).

Accumulator for main boom cushioning.

11 port rotary manifold for continuous rotation.

Quick disconnect diagnostic ports.

SWING SYSTEM

Continuous rotation on 39" (889 mm) internal tooth turntable bearing.

Swing speed 8 RPM - Power transmitted through dual motors and planetary gearboxes.

3000 PSI (206 BAR) operating pressure.

Swing torque: 30,000 ft. lbs. (40,674 Nm) (100% Theoretical).

MISCELLANEOUS

Weight with standard equipment and oil: 16,000 lbs. (7,257 kg), (not including attachment).

Equipment greased and hydraulic tank filled.

OPTIONS/ACCESSORIES

30' live heel boom.

Detachable heel bar.

Hydraulic reservoir heater: 3 KW.

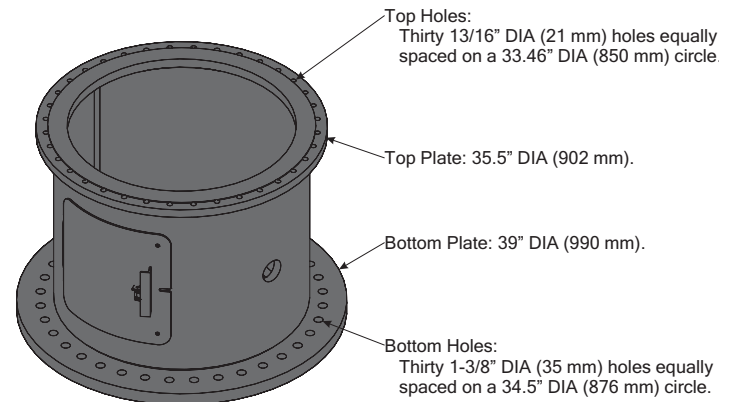
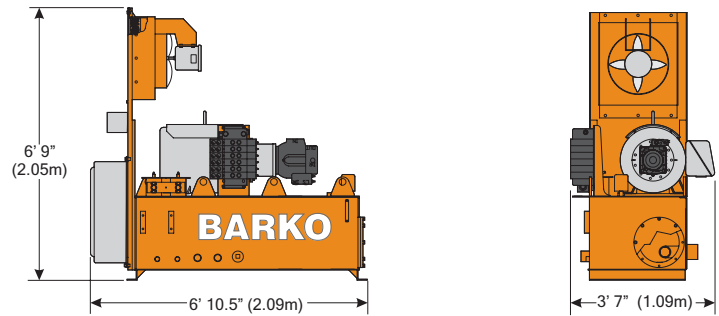
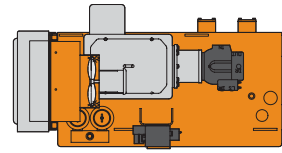
Rotation stops (310° maximum).

575 volt electrical system.

Log & pulp grapples.

Boom lights: 12 volt, DC.

Triple gear pump available.



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