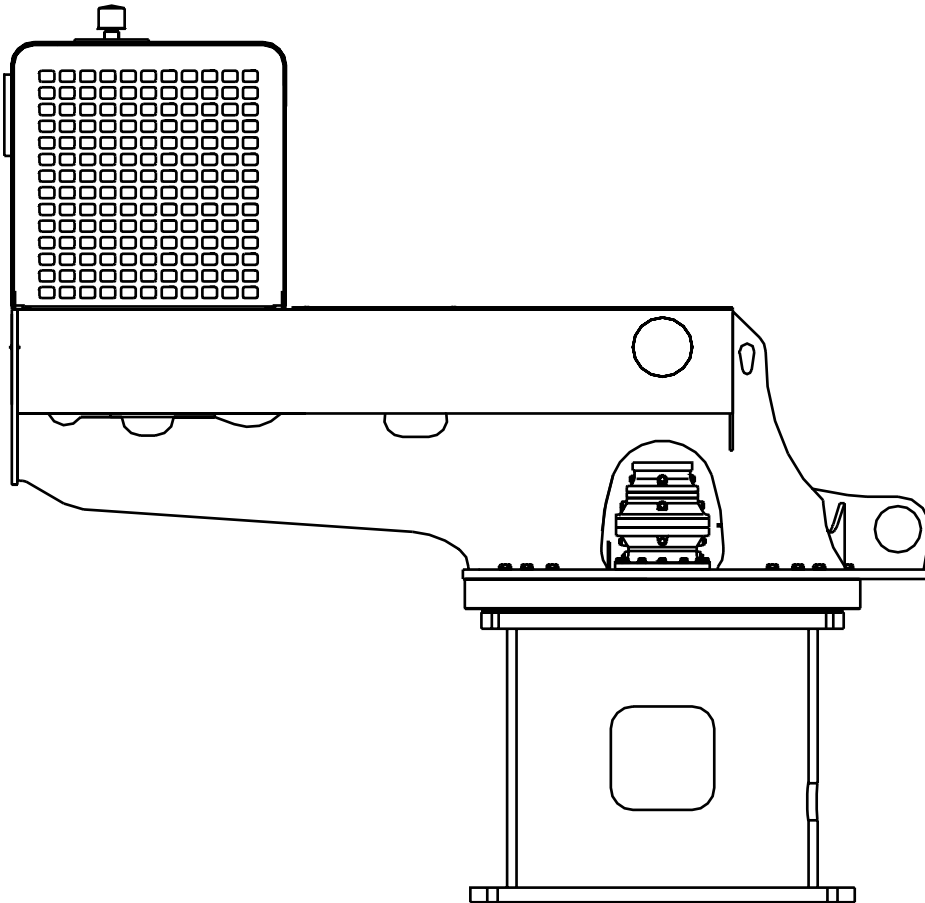


595ML SE ERS

KNUCKLEBOOM LOADERS > STATIONARY MOUNTS

INDUSTRIAL



Introducing the Barko 595ML SE ERS

The Barko 595ML SE-ERS is our 595ML SE (stationary electric) with an ERS (electric remote station) instead of a cab.

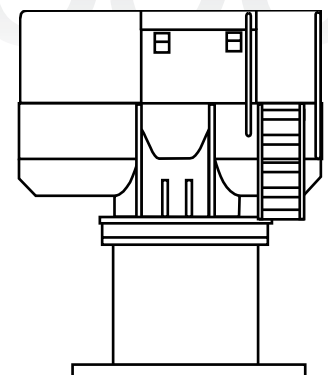
Dependable. Exceptional. BEAUTIFUL. That's what customers say about the Barko 595ML SE-ERS. One of our largest and most powerful knuckleboom loader (material handler) also provides increased work productivity, and the lowest total cost of operation than any other product on the market.

It is BEAUTIFUL, but don't let that fool you. The power and swing torque of the 595ML SE-ERS makes it a BEAST capable of delivering up to 25% more loads every day. Equipped with more standard features than its competitors, the 595ML SE-ERS lasts longer, performs harder, and delivers the results you expect. Nothing performs like a Barko. And once you buy one, you'll never want anything else!



Visit our website at:
www.barko.com
to read customer testimonials

595



BARKO HYDRAULICS, LLC

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

WWW.BARKO.COM

595ML SE ERS

KNUCKLEBOOM LOADERS > STATIONARY MOUNTS

INDUSTRIAL

MAXIMUM LIFT CAPACITY

32' 0" (9.75 m) straight boom, less attachment.

Radius	Lift	
12' (3.65 m)	38,180 lbs.	(17,318 kg)
15' (4.57 m)	30,290 lbs.	(13,739 kg)
20' (6.10 m)	22,580 lbs.	(10,242 kg)
25' (7.62 m)	17,990 lbs.	(8,141 kg)
30' (9.14 m)	12,810 lbs.	(5,810 kg)
32' (9.75 m)	7,770 lbs.	(3,524 kg)

BOOM DATA

Main	32' 0"	
	18' 6"	(5.64 m)
Stick	13' 10"	(4.22 m)

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

BOOM REACH

Vertical height based on 33" (838 mm) high pedestal.

	32' 0"	(9.75 m)
Horizontal	32' 0"	(9.75 m)
Vertical	37' 7"	(11.45 m)

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: 7" x 51" (178 mm x 1295 mm)

with 4" (102 mm) rod.

Stick boom: 7" x 35" (178 mm x 889 mm)

with (102 mm) rod.

Spherical bearings at all boom cylinder pivots.

AVAILABLE POWER SOURCES

Drip-proof encapsulated electric motor, 125 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

120 gallon (454 L) hydraulic oil reservoir with return line filter, shut off valve on pump suction line.

Pump: Variable displacement piston pump producing 119 GPM (450 LPM).

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

Main system operating pressure 3600 PSI (248 BAR).

Quick disconnect diagnostic ports.

SWING SYSTEM

Continuous rotation on 54" (1372 mm) internal tooth turntable bearing.

Swing speed 7.5 RPM - Power transmitted through piston motors and planetary gearboxes.

3,600 PSI (248 BAR) operating pressure.

Swing torque: 55,000 ft. lbs. (74,570 Nm) (100% theoretical)

Tailswing: 8' 5 1/2" (2.57 m) without counter weight.

8' 6 1/2" (2.60 m) with optional counterweight.

MISCELLANEOUS

Weight with standard equipment and oil: 27,500 lbs. (12,473 kg) (not including attachment).

Equipment greased and hydraulic tank filled.

Removable panels for serviceability.

OPTIONS/ACCESSORIES

32' Live heel boom.

36' Straight boom.

36' Live heel boom.

Detachable heel bar.

12 volt DC boom lights.

Hydraulic reservoir heater: 3 kw.

Auxiliary electric collector packages.

Magnet rectifier package.

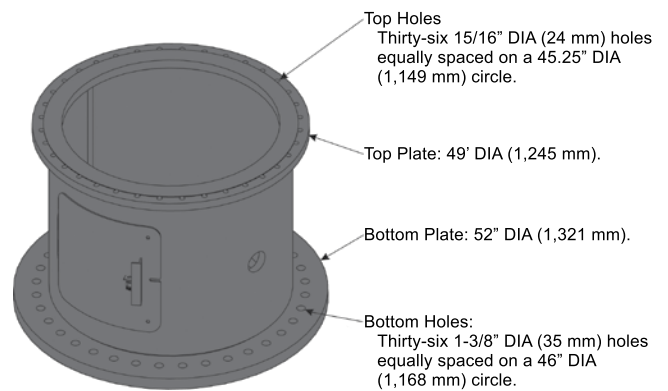
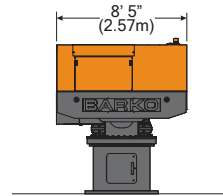
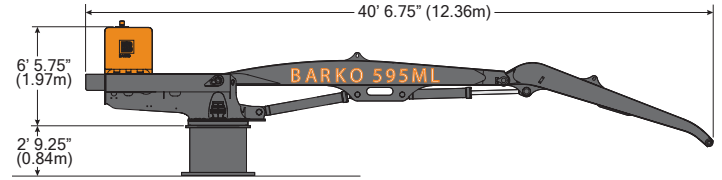
575 volt electrical system.

3,000 lb. cast steel counterweight.

7,000 lb. cast steel counterweight.

Log & pulp grapples.

Rotation stops: 310° maximum.



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