



» 295 STATIONARY MOUNTS SPECIFICATIONS



Barko® 295 Stationary Electric Knuckleboom Loaders provide increased work productivity and extremely low total cost of operation. The 295-SE offers a comfortable operator cab, the 295-SE-ERS features an electric remote station, and the 295-SER-ERS utilizes a remote power unit. Each model consistently delivers more loads, regardless of application.

SPECIFICATIONS

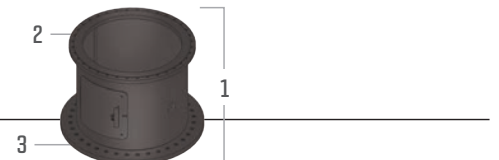
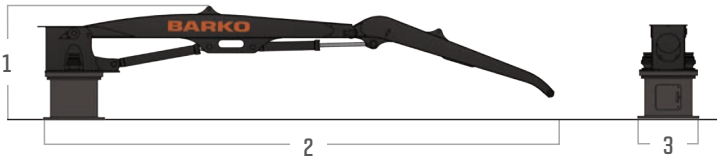


295-SE

DIMENSIONS	
1 Overall Height	11' 4" (345 cm)
2 Tail Swing	8' 6" (259 cm) without counterweight 8' 8" (264 cm) with optional 1,300 lb counterweight 8' 10" (269 cm) with optional 3,000 lb counterweight
3 Overall Length	38' 4" (1,168 cm) with 30' boom extended
4 Overall Width	8' 5" (257 cm)
Total Operating Weight	25,000 lbs (11,340 kg) without attachment or counterweight

295-SE-ERS

DIMENSIONS	
1 Overall Height	9' 3" (282 cm)
2 Tail Swing	8' 6" (259 cm) without counterweight 8' 8" (264 cm) with optional 1,300 lb counterweight 8' 10" (269 cm) with optional 3,000 lb counterweight
4 Overall Length	38' 4" (1,168 cm) with 30' boom extended
5 Overall Width	8' 5" (257 cm)
Total Operating Weight	24,000 lbs (10,886 kg) without attachment or counterweight



295-SER-ERS

DIMENSIONS	
1 Overall Height	6' 3" (191 cm)
2 Overall Length	32' 3" (983 cm) with 30' boom extended
3 Overall Width	3' 3.5" (100 cm)
Total Operating Weight	18,000 lbs (8,165 kg) without attachment

PEDESTAL

DIMENSIONS	
1 Height	33" (838 mm)
2 Top Plate	35.5" (902 mm) diameter
3 Bottom Plate	39" (991 mm) diameter
Bottom Holes	(30) 1-3/8" (35 mm) diameter holes equally spaced on a 34.5" (876 mm) diameter circle

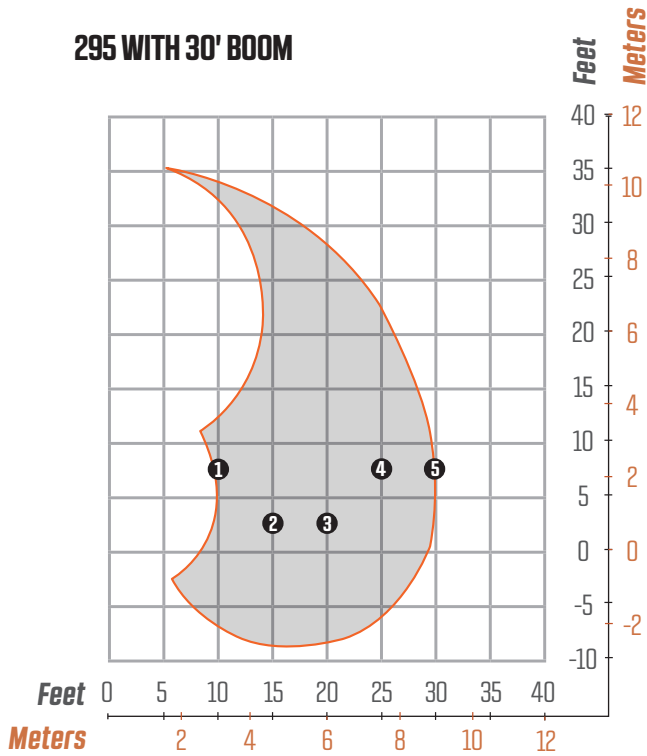
PERFORMANCE (ALL STATIONARY MODELS)

AVAILABLE POWER SOURCES	
Electric Motor	100 HP (75 kW) drip proof encapsulated motor, 3-phase, 460 - volts, 60 Hz, operating at 1,800 RPM
Electric Collector	4-pass, 300 amp capacity, located in pedestal base; continuous rotation only
Electrical Package	NEMA 4 enclosure with motor start circuit, 3-phase power monitor and circuit breaker
Start/Stop	Key start switch and emergency stop switch mounted on control console

HYDRAULICS	
Tank	SE/SE ERS - 120 gal. (454 L) with return line filter, shut-off valve on pump suction line SER ERS - 150 gal. (568 L) with return line filter, shut-off valve on pump suction line
Pump	70 GPM (265 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, accumulator for main boom cushioning; rotary manifold for continuous rotation

BOOM SWEEP

295 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)			

FEATURES & OPTIONS

OPERATOR CAB - SE

38.5" x 55" (978 x 1,397 mm) forward sloping pressurized cab with sound suppression insulation
 Heating & air conditioning
 AM/FM radio, CD player, CB radio
 Warning lights & monitor system
 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
 Swing control operated by foot pedal
 Swing-out entry door
 Front cab guard
 (2) 12-volt DC halogen cab lights
 (2) 12-volt DC power points

STANDARD FEATURES

SE - Centralized turnable greasing system

SE/SE ERS - Removable service panels

OPTIONS & ACCESSORIES

All Models - 380 or 575-volt electric system
 Automatic grease system
 30' (914 cm) live heel boom
 Boom lights (12V DC)
 Detachable heel bar (standard/offset, single/double vee)
 Log & pulp grapples
 Grapple saw
 Rotation stops (310° maximum)
 Hydraulic reservoir heater (3 kW)

SE - 23", 36" or 48" fixed cab riser
 12-volt hydraulic fill pump
 Servo controlled hand swing
 Electrical collector package with additional circuits
SE/SE ERS - 1,300 lbs (590 kg) cast steel counterweight
 3,000 lbs (1,361 kg) cast steel counterweight
 Magnet rectifier package (10 or 15 kW)

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

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	36' 9" (1,120 cm) with 33" (84 cm) pedestal
Maximum Lift Capacity	22,820 lbs (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

SWING SYSTEM

Rotation/Swing Speed	Continuous on 39" (991 mm) internal tooth turntable bearing; 8 RPM, power transmitted through dual Geroler® 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

* Specifications are subject to change.



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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