



# » 495 STATIONARY MOUNTS SPECIFICATIONS



Barko® 495 Stationary Electric Knuckleboom loaders deliver more power for increased work productivity. The 495-SE offers a comfortable operator cab, the 495-SE-ERS features an electric remote station, and the 495-SER-ERS utilizes a remote power unit. Each model consistently delivers more loads, all at a very low total cost of operation.

## SPECIFICATIONS



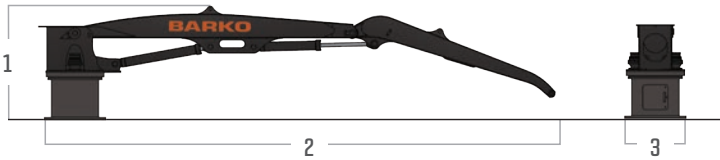
### 495-SE

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	40' 7" (1,237 cm) with 32' boom extended
4 Overall Width	8' 5" (257 cm)
Total Operating Weight	27,000 lbs (12,247 kg) without attachment or counterweight



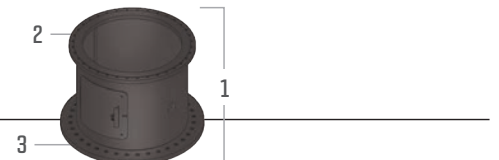
### 495-SE-ERS

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
3 Overall Length	40' 7" (1,237 cm) with 32' boom extended
4 Overall Width	8' 5" (257 cm)
Total Operating Weight	26,000 lbs (11,793 kg) without attachment or counterweight



### 495-SER-ERS

DIMENSIONS	
1 Overall Height	6' 3" (191 cm)
2 Overall Length	34' 5" (1,049 cm) with 32' boom extended
3 Overall Width	3' 10.5" (118 cm)
Total Operating Weight	20,000 lbs (9,072 kg) without attachment



### PEDESTAL

DIMENSIONS	
1 Height	33" (838 mm)
2 Top Plate	43.25" (1,099 mm) diameter
3 Bottom Plate	49" (1,245 mm) diameter
Bottom Holes	(36) 1-3/8" (35 mm) diameter holes equally spaced on a 42" (1,067 mm) diameter circle

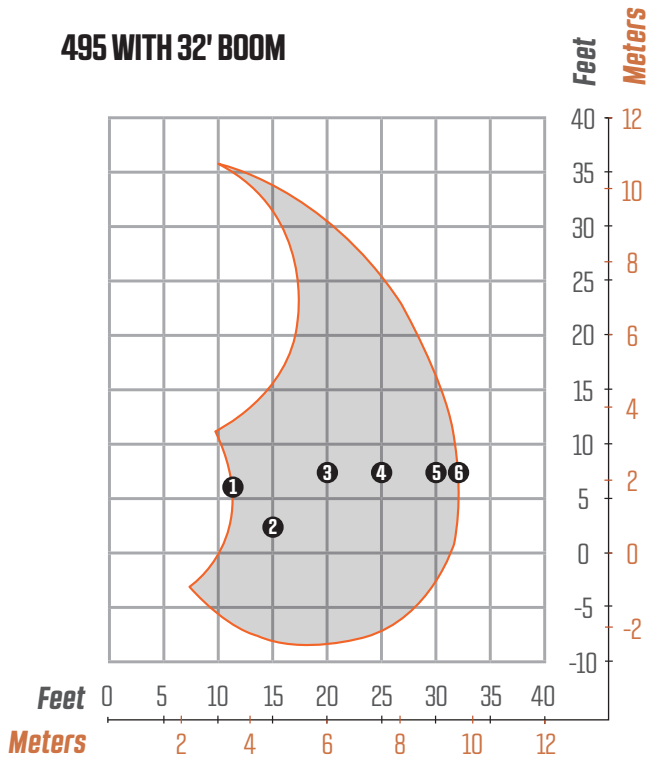
## PERFORMANCE (ALL STATIONARY MODELS)

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	3,600 psi (248 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

## 495 WITH 32' BOOM



### MAXIMUM LIFT CAPACITY

32' (9.8 m) straight boom, less attachment.

	Radius	Lift		Radius	Lift
1	12' (3.7 m)	28,720 lbs (13,027 kg)	4	25' (7.6 m)	12,990 lbs (5,892 kg)
2	15' (4.6 m)	21,960 lbs (9,961 kg)	5	30' (9.1 m)	9,280 lbs (4,209 kg)
3	20' (6.1 m)	16,350 lbs (7,416 kg)	6	32' (9.8 m)	5,590 lbs (2,535 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  
 32' (975 cm) straight or live heel boom  
 Boom lights (12V DC)  
 90 GPM (341 LPM) tandem variable displacement load sense hydraulic piston pump  
 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](http://www.barko.com).

### BOOM

<b>Structure</b>	All-welded construction with fabricated box type design; aluminum bronze bushings with grease grooves at boom pivot points
<b>Horizontal Reach</b>	32' (975 cm)
<b>Vertical Reach</b>	37' 7" (1,145 cm) with 33" (84 cm) pedestal
<b>Maximum Lift Capacity</b>	28,720 lbs (13,027 kg)

<b>Cylinders</b>	<b>Features</b>	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
	<b>Main Boom</b>	6" x 51" (152 x 1,295 mm) with 3.5" (89 mm) rod
	<b>Stick Boom</b>	6" x 35" (152 x 889 mm) with 3.5" (89 mm) rod

### SWING SYSTEM

<b>Rotation/Swing Speed</b>	Continuous on 46" (1,168 mm) internal tooth turntable bearing; 9 RPM, power transmitted through dual piston motors and planetary gearboxes
<b>Swing Torque</b>	44,000 ft-lbf (59,656 Nm); 100% theoretical
<b>Braking</b>	Hydrostatic dynamic braking with 59,000 ft-lbf (79,993 Nm) braking swing torque

\* Specifications are subject to change.



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