



» 295 STATIONARY MOUNTS SPECIFICATIONS



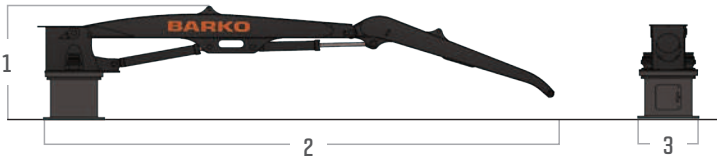
Barko® 295 Stationary Electric Knuckleboom Loaders provide increased work productivity and extremely low total cost of operation. The 295-SE offers a comfortable operator cab, the 295-SE-ERS features an electric remote station, and the 295-SER-ERS utilizes a remote power unit. Each model consistently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



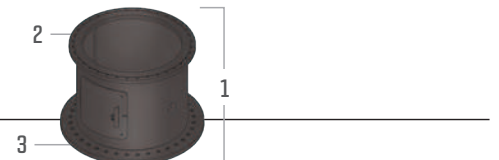
295-SE-ERS

| DIMENSIONS | |
|------------|--|
| 1 | Overall Height : 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 |



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 |



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 |

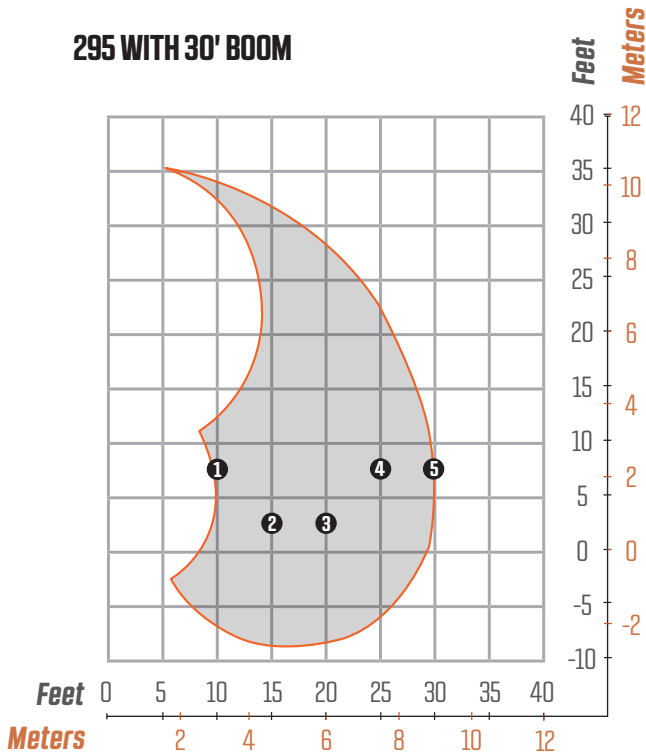
PERFORMANCE (ALL STATIONARY MODELS)

| 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.



BARKO HYDRAULICS, LLC

One Banks Ave.
Superior, WI 54880

P: 715.395.6700
info@barko.com | www.barko.com