

ELECTRIC ARTICULATING BOOM LIFTS

AB320ERJN

Compliant with ANSI/CSA standards

PRODUCT HIGHLIGHTS

Electric Control System

- Rexroth control system used on upper and lower controls
- Emergency auxiliary lowering system in both platform and ground controls
- Excellent HMI with our 5" color display

Compact Design

- With only 3'11" (1.19m) narrow chassis and 6'6" (1.99m) stowed height, zero tailswing, suitable for working in confined spaces

Energy Saving & Environmentally Friendly

- Gravity-lowering technology and maintenance-free battery for zero emissions and environmentally friendly operation



Standard Features		
Automatic platform leveling	5-in color display screen	2WD × 2WS
Fully proportional joystick controls	Hydraulic cylinder protective sleeves	Emergency lowering system
Manual storage box	Horn & buzzer	Weighing system
Tilt protection system	Function-enabled foot pedal	Anti-crush system on platform
Flashing beacon	Telematics-ready connector	Fault diagnosis system
Solid non-marking tires	Secondary guarding device	AC power to the platform
Options & Accessories		
Overhead anti-collision device	Platform work lights	Swing gate

SINOBOOM™
— NORTH AMERICA

PARTNERS IN ACCESS™

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Model	AB320ERJN
Dimensions	
Max Platform Height	32'7" (9.6 m)
Max Working Height	38'7" (11.4 m)
Max Horizontal Outreach	20'8" (6.3 m)
Max Up and Over Clearance	15'2" (4.63 m)
A Stowed Length / Transport Length	18'9" (5.72 m)
B Overall Width	3'11" (1.19 m)
C Stowed Height / Transport Height	6'6" (1.99 m)
D Wheelbase	5'5" (1.65 m)
Ground Clearance (Pothole Guard Stowed/Deployed)	3.5"/1.1" (0.09 m/0.03 m)
Platform Size (L×W×H)	3'9" × 2'6" × 3'7" (1.15 m×0.76 m×1.1 m)
Performance	
Max Platform Capacity	507 lbs (230 kg)
Max Platform Occupants	2 persons
Drive Speed (Stowed)	0~3.1 mph (0~5 km/h)
Drive Speed (Raised)	0~0.5 mph (0~0.8 km/h)
Gradeability	35%
Turntable Rotation	355 ° non-continuous
Platform Rotation	180°
Jib Length	4'8" (1.42 m)
Horizontal Jib Rotation	180°
Vertical Jib Rotation	Up +64° Down -72° (136°)
Tilt Rating	3°
Turning Radius (Inside/Outside)	5'7"/10'8" (1.7 m/3.25 m)
Turntable Tail-swing	0 m
Max Allowable Side Force	90 lbf (400 N)
Max Allowable Wind Speed	28 mph (12.5 m/s)
Tire Spec/Type	22×7×17.75" (Solid non-marking)
Power	
Drive×Steer	2 WD × 2 WS
Batteries	48 V,330 Ah (Lead acid battery)
Hydraulic Tank Capacity	4.4 gal (UK)/5.3 gal (US) (20 L)
System Voltage	12 V DC
Weight	
Weight	14,903 lbs (6,760 kg)
Standards Compliance	
ANSI/CSA	

