

ELECTRIC ARTICULATED BOOM LIFT

AB520EJ

Compliance with ANSI/CSA standards

PRODUCT HIGHLIGHTS

Designed for Narrow Spaces

Access tight work areas due to the narrow body with a tail swing of almost zero

Environmentally Friendly

Fully operational with battery power making use for indoor and outdoor applications easy without sacrificing performance

Precision Performance

3 joysticks with variable proportional control, provides accuracy to reach your job-site target

Intelligent Maintenance

Intelligent screen displays live faults and status information for easy machine status and fault diagnosis, parameters and settings

Industry-leading Adaptability

Large tilt angle up to 5°

Standard Features		
Platform hydraulic levelling	Overload sensing system	355° Turntable rotation
Platform 160° hydraulic rotation	Main boom gravitational lowering	Emergency brake release
Drive enable system	Display screen	Foam filled RT non-marking tires
Full proportional handle variant control	Fault diagnosis system	IOT-based operation monitoring
Horn and buzzer alarms	Emergency stop system	Lead-acid battery
Rotating warning lamp	Emergency lowering system	Rexroth pump system
Tilt protection	Tilt angle up to 5°	
Optional Features		
Headlight	AC cable to platform	Non-marking solid tires
Optional 1.83 m (6') work platform	Operator anti-collision device	

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Model	AB520EJ
Dimensions	
Max Platform Height	15.7 m (51' 6")
Max Working Height	17.7 m (58' 1")
Max Horizontal Extension	9.3 m (30' 6")
Max Up and Over Clearance	7.8 m (25' 7")
A Length-Stowed	6.8 m (22' 4")
B Width-Stowed	1.9 m (6' 3")
C Height-Stowed	2 m (6' 7")
D Wheelbase	1.9 m (6' 3")
Ground Clearance	0.22 m (.72')
Platform Dimensions(L x W x H)	1.45 x 0.85 x 1.1 m (4'75" x 2'7" x 3'6")
Performance	
Platform Capacity(Unrestricted/2 Persons)	230 kg (507 lbs)
Turntable Rotation	355°
Platform Rotation	160°
Drive Speed-Stowed	5.2 km/h (3.2 mph)
Drive Speed-Raised	0.8 km/h (0.5 mph)
Gradeability	30%
Turning Radius-Inside	0.7 m (2' 4")
Turning Radius-Outside	3.31 m (10' 10")
Turntable Tailswing	50 mm (2")
Tilt Rating	5°
Drive x Steer	2WD x 2WS
Tire Spec/Type	240/55D17.5 Foam Filled Non-Marking Tires
Power	
Batteries	8 x 6V,420 Ah
Auxiliary Power Unit	12V DC
Hydraulic Tank Capacity	40 L (8.8 gal)
Weight	
Weight	7,300 kg (16,094 lbs)
Standards Compliance	

