

ELECTRIC ARTICULATING BOOM LIFTS

AB520EJ PLUS

Compliant with ANSI/CSA standards

PRODUCT HIGHLIGHTS

Excellent For Both Indoor and Outdoor Applications

- Smooth off-road capabilities with quiet electric drive motors for indoor and outdoor application
- 4WD, 40% gradeability
- Full-time oscillating front axle keeps all tires on the ground and provides excellent rough-terrain capabilities

Optimal Safety and Reliability

- 5 inch smart color display for easy machine status and fault diagnosis
- Auxiliary powered emergency lowering system, electrical emergency lowering
- Rexroth controllers in both upper and lower control boxes
- Both primary and secondary booms are equipped with dual channel angle sensors

Best Productivity and Easy Maintenance

- 3 person platform with a maximum capacity of 1,000lbs
- Standard AGM maintenance free battery minimizes maintenance cost
- Maintenance free brushless AC drive motors



Standard Features		
Full-time active oscillating front axle	5 inch color display screen	4WD × 2WS
Fully proportional joystick controls	Hydraulic cylinder protective sleeves	Emergency lowering system
Hydraulic platform leveling	Max tilt rating to 5°	Weighing system
Flashing beacon	Horn & buzzer	Anti-crush system in platform
Foam-filled non-marking tires	Function-enabled footswitch	Fault diagnosis system
AC power to the platform	6' (1.83m) platform	Manual storage box
Options & Accessories		
8' (2.44m) platform with swinging gate	Solid tires	4'9" (1.45m) platform
Secondary guarding device	Platform work lights	Glazier kit (For platform with swinging gate)
Telematics	Overhead anti-collision device	Half mesh (For platform with swinging gate)

SINOBOOM™
— NORTH AMERICA

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Model	AB520EJ Plus
Dimensions	
Max Platform Height	51'10" (15.8 m)
Max Working Height	57'10" (17.6 m)
Max Horizontal Reach(250kg/340kg/454kg)	29'6"/26'7"/23' (9 m/8.1 m/7 m)
Max Up and Over Clearance	25'11"(7.9 m)
A Stowed Length	24'11"(7.6 m)
B Stowed Width	7'7"(2.3 m)
C Stowed Height	7'5"(2.25 m)
Stowed Length (Transport)	20'(6.1 m)
Stowed Width (Transport)	7'7"(2.3 m)
Stowed Height (Transport)	10'2"(3.1 m)
D Wheelbase	7'7"(2.3 m)
Ground Clearance	1'3"(0.37 m)
Platform Dimensions (L×W×H)	6'×2'9"×3'7"(1.83 m×0.85 m×1.1 m)
Performance	
Max Platform Capacity (Unrestricted/Restricted/Restricted)	551 lbs/750 lbs/1,000 lbs (250 kg/340 kg/454 kg)
Max Platform Occupants (Unrestricted/Restricted)	2 persons/3 persons
Drive Speed (Stowed)	3.4 mph (5.5 km/h)
Drive Speed (Raised)	0.68 mph (1.1 km/h)
Gradeability	40%
Turntable Rotation	355° / Non-continuous
Platform Rotation	180°
Tilt Rating	5°
Turning Radius (Inside/Outside)	5'11"/15'8" (1.8 m/4.78 m)
Turntable Tail-Swing	12" (0.3 m)
Max Allowable Side Force	90 lbf (400 N)
Max Allowable Wind Speed	28 mph (12.5 m/s)
Tire Spec/Type	33 × 12 D610 (Foam-filled)
Power	
Drive × Steer	4 WD × 2 WS
Batteries	48 V, 390 Ah (lead acid battery)
Hydraulic Tank Capacity	14 gal (UK)/17 gal (US) (64 L)
System Voltage	12V DC
Weight	
Weight	17,086 lbs (7,750 kg)
Standards Compliance	ANSI/CSA

