

AB16EJ PLUS (AB520EJ PLUS)

Compliant with CE/ANSI/CSA/EAC standards

PRODUCT HIGHLIGHTS

Excellent Rough Terrain Performance

- Smooth off-road and quiet indoor and outdoor operation
- 4WD, 40% gradeability
- Standard active oscillating axle, excellent terrain ability

Optimal Safety and Reliability

- 5 inch smart display for easy machine status and fault diagnostics
- Auxiliary power system, electrical emergency lowering
- Rexroth controller complies with ISO13849 standard
- Both main boom and secondary boom are equipped with dual channel angle sensors

Best Productivity and Easy Maintenance

- Triple load capacity of 250kg/340kg/454kg, max platform occupants up to 3 persons
- Standard AGM maintenance free battery minimizes maintenance cost as well as providing long working time
- AC brushless lift motor, maintenance free



Standard Features		
Active oscillating function	5-in display screen	4WD × 2WS
Proportional control	Automotive-grade sleeves for all hoses	Emergency lowering system
Hydraulic platform leveling	Max tilt rating to 5°	Load weighing system
Tilt protection system	AC power to platform	Secondary guarding device
Flashing beacon	Footswitch	Fault diagnosis system
Foam-filled non-marking tires	1.83m(6') platform	Telematics-ready connector
Options & Accessories		
1.83m(8') platform with swinging gate	Half mesh (for platform with swinging gate)	Solid tires
1.45m (4'9") platform	Platform work light	Lithium battery

ELECTRIC ARTICULATING BOOM LIFTS AB16EJ PLUS (AB520EJ PLUS)

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Model	AB16EJ Plus (AB520EJ Plus)
Dimensions	
Max Platform Height	15.8 m(51'10")
Max Working Height	17.8 m(58'5")
Max Horizontal Reach(250kg/340kg/454kg)	9 m/8.1 m/7 m(29'6"/26'7"/23')
Max Up and Over Clearance	7.9 m(25'11")
A Stowed Length	7.6 m(24'11")
B Stowed Width	2.3 m(7'7")
C Stowed Height	2.25 m(7'5")
Stowed Length (Transport)	6.1 m(20')
Stowed Width (Transport)	2.3 m(7'7")
Stowed Height (Transport)	3.1 m(10'2")
D Wheelbase	2.3 m(7'7")
Ground Clearance	0.37 m(1'3")
Platform Dimensions (L×W×H)	1.83 m × 0.85 m × 1.1 m(6' × 2'9" × 3'7")
Performance	
Max Platform Capacity (Unrestricted/Restricted/Restricted)	250 kg/340 kg/454 kg (551 lbs/750 lbs/1000 lbs)
Max Platform Occupants (Unrestricted/Restricted)	2 persons/3 persons
Drive Speed (Stowed)	5.5 km/h (3.4 mph)
Drive Speed (Raised)	1.1 km/h (0.68 mph)
Gradeability	40%
Turntable Rotation	355°/ Non-continuous
Platform Rotation	180°
Tilt Rating	5°
Turning Radius (Inside/Outside)	1.8 m/4.78 (5'11"/15'8")
Turntable Tail-Swing	0.3 m (12")
Max Allowable Side Force	400 N (90 lbf)
Max Allowable Wind Speed	12.5 m/s (28 mph)
Tire Spec/Type	33 × 12 D610 (Foam-filled)
Power	
Drive × Steer	4WD × 2WS
Batteries	48 V, 390 Ah (lead acid AGM battery) 48 V, 315 Ah (lithium battery)
Hydraulic Tank Capacity	64 L (14 gal (UK)/17 gal (US))
System Voltage	12V DC
Weight	
Weight	7,750 kg (17,086 lbs)
Standards Compliance	CE/ANSI/CSA/EAC

