

ELECTRIC ARTICULATING BOOM LIFTS

AB16EJ PLUS (AB520EJ PLUS)

Compliant with AS 1418 · 10 standards

PRODUCT HIGHLIGHTS

Excellent Rough Terrain Performance

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

Optimal Safety and Reliability

- 5 inch smart display for easy machine status and fault diagnosis
- Auxiliary power system, electrical emergency lowering
- Rexroth controller complies with ISO13849 standard
- Both main boom and secondly 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 endurance
- AC brushless lift motor, maintenance free



Standard Features		
4WD×2WS	Fault diagnosis system	Telematic ready
Hydraulic platform leveling	Emergency lowering system	Battery isolator
Flashing beacon	Weight management system	Secondary guarding system
Proportional control	Manual storage box	White noise alarm
Tilt protection system	AGM maintenance-free battery	Half-mesh for platform
Non-marking tires		
Options & Accessories		
AC power to platform	Mine spec	Telematic device
Driving light	Lithium Batteries	

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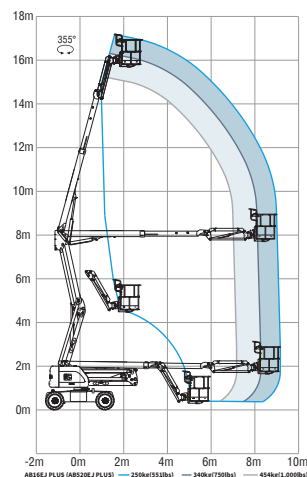
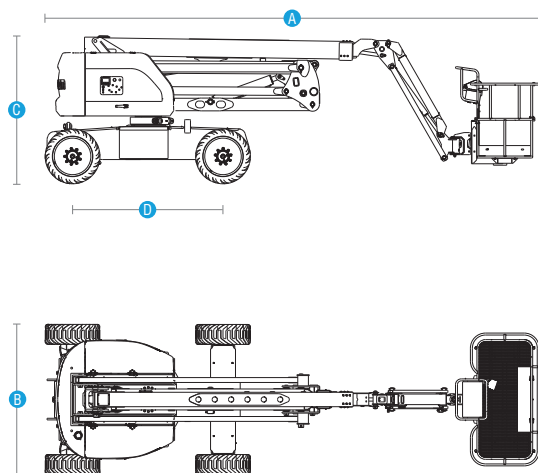
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Model	AB16EJ Plus (AB520EJ Plus)
Dimensions	
Max Platform Height	15.8 m (51'10")
Max Working Height	17.8 m (58'5")
Max Horizontal Reach(250kg/340kg/454kg)	9 m/8.1 m/7 m (29'6"/26'7"/23')
Max Up and Over Clearance	7.9 m(25'11")
A Stowed Length	7.6 m(24'11")
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	0.35 m(1'2")
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	4 WD × 2 WS
Batteries	8×6 V, 335 Ah (5 hr)/390 Ah (20 hr) AGM 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	AS 1418 · 10



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