ELECTRIC ARTICULATING BOOM LIFTS

AB16EJ PLUS (AB520EJ PLUS)

Compliant with CE 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

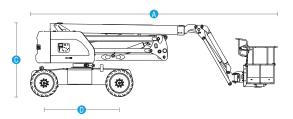


Standard Features			
Active oscillating	5-in display screen	4WD × 2WS	
Proportional control	Automotive-grade sleeves for all pipes	Emergency lowering system	
Hydraulic platform leveling	Max tilt rating to 5°	Weighing system	
Tilt protection system	Horn & buzzer	Emergency stop system	
Flashing beacon	Footswitch	Fault diagnosis system	
Foam-filled non-marking tires	1.83m(6') platform	Manual storage box	
Options & Accessories			
AC power to platform	Solid tires	1.45m (4'9") platform	
1.83m(8') platform with swinging gate	Platform work light	Glazier kit(for platform with swinging gate)	
Anti-crush device	Overhead anti-collision device	Half mesh (for platform with swinging gate)	
Trackunit	Lithium battery		



ELECTRIC ARTICULATING BOOM LIFTS AB16EJ PLUS (AB520EJ PLUS) Compliant with CE standards

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)	$1.83 \text{ m} \times 0.85 \text{ m} \times 1.1 \text{ m} (6' \times 2'9" \times 3'7")$	
Performance 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 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

