

ELECTRIC ARTICULATING BOOM LIFTS

AB14EJ (AB460EJ)/AB16EJ (AB520EJ)

Compliant with CE/ANSI/CSA/AS/EAC standards

PRODUCT HIGHLIGHTS

Suitable for Narrow Spaces

- Narrow body with almost zero tail sweep

Green

- Fully battery-powered, silent, zero emissions, long battery life, especially suitable for indoor work

Precision Performance

- Joysticks with variable proportional control, accuracy in reaching the operation target



Standard Features

5-in display screen	2WD x 2WS	Proportional control with 2 joysticks
Automotive-grade sleeves for all pipes	Emergency lowering system	Hydraulic platform leveling
Max tilt rating to 5°	Weighing system	Flashing beacon
Footswitch	Fault diagnosis system	Foam-filled non-marking tires
1.45m(4'9") platform(AB14EJ) 1.83m(6') platform(AB16EJ)	Manual storage box	

Options & Accessories

AC power to platform	Solid tires	Platform work light
Secondary guarding device	Overhead anti-collision device	Half mesh (for platform with swinging gate)
Telematics-ready connector		

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Model	AB14EJ (AB460EJ)	AB16EJ (AB520EJ)
Dimensions		
Max Platform Height	14 m (45'11")	15.7 m (51'6")
Max Working Height	16 m (52'6")	17.7 m (58'1")
Max Horizontal Reach	7.6 m (24'11")	9.3 m (30'6")
Max Up and Over Clearance	7.8 m (25'7")	7.8 m (25'7")
A Stowed Length	6 m (19'8")	6.8 m (22'4")
B Stowed Width	1.73 m (5'8")	1.9 m (6'3")
C Stowed Height	2 m (6'7")	2 m (6'7")
Stowed Length (Transport)	6 m (19'8")	6.8 m (22'4")
Stowed Width (Transport)	1.73 m (5'8")	1.9 m (6'3")
Stowed Height (Transport)	2 m (6'7")	2 m (6'7")
D Wheelbase	1.9 m (6'3")	1.9 m (6'3")
Ground Clearance	0.22 m (8.7")	0.22 m (8.7")
Platform Dimensions(L×W×H)	1.45 m×0.85 m×1.1 m (4'9"×2'9"×3"7")	1.83 m×0.85 m×1.1 m (6'×2'9"×3"7")
Performance		
Max Platform Capacity	230 kg (507 lbs)	230 kg (507 lbs)
Max Platform Occupants	2 Persons	2 Persons
Drive Speed (Stowed)	0~5.2 km/h (0~3.2 mph)	0~5.2 km/h (0~3.2 mph)
Drive Speed (Raised)	0~0.8 km/h (0~0.5 mph)	0~0.8 km/h (0~0.5 mph)
Gradeability	30%	30%
Turntable Rotation	355°/Non-continuous	355°/Non-continuous
Platform Rotation	160°	160°
Tilt Rating	5°	5°
Turning Radius (Inside/Outside)	1.15 m/3.51 m (3'9"/11'6")	0.7 m/3.31 m (2'4"/10'10")
Turntable Tail-Swing	0 m	50 mm (2")
Max Allowable Side Force	400 N (90 lbf)	400 N (90 lbf)
Max Allowable Wind Speed	12.5 m/s (28 mph)	12.5 m/s (28 mph)
Tire Spec/Type	240/55D17.5 Foam-filled	240/55D17.5 Foam-filled
Power		
Drive × Steer	2 WD×2 WS	2 WD×2 WS
Batteries	48 V, 390 Ah (lead acid battery) 48 V, 315 Ah (lithium battery)	48 V, 390 Ah (lead acid battery) 48 V, 315 Ah (lithium battery)
Hydraulic Tank Capacity	40L (8.8 gal (UK)/10.6 gal (US))	40L (8.8 gal (UK)/10.6 gal (US))
System Voltage	12 VDC	12 VDC
Weight		
Weight	7,100 kg (15,653 lbs)	7,300 kg (16,094 lbs)
Standards Compliance	CE/ANSI/CSA/AS/EAC	CE/ANSI/CSA/EAC

