

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, 390 Ah (lead acid 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

