

ELECTRIC ARTICULATING BOOM LIFTS

AB460EJ/AB520EJ

Compliant with ANSI/CSA standards

PRODUCT HIGHLIGHTS

Suitable for Working in Narrow Space

- Designed with narrow chassis & lower stowed height enables to pass through standard doorways and travel in narrow aisles
- Smooth proportional controls allow easy access to the up and over applications

Easy Maintenance

- Excellent HMI with 5" color display provides the ultimate in troubleshooting tools
- AGM maintenance-free batteries come as standard, long cycle life and no worries of maintenance decreasing TCO

Electrical Emergency Lowering System

- Emergency auxiliary lowering system in both platform and ground controls



Standard Features		
Fully proportional control joysticks	2WD × 2WS	Electrical emergency lowering system
Telematics-ready connector	Hydraulic cylinder protective sleeves	Weighing system
Automatic platform leveling	Max tilt rating to 5°	Emergency stop system
Horn & buzzer	Function enable foot pedal	Fault diagnosis system
Flashing beacon	Manual storage box	Tilt protection system
Foam-filled non-marking tires	57" (1.45m) platform (AB460EJ) 72" (1.83m) platform with swing gate (AB520EJ)	AC power to the platform
Secondary guarding device		
Options & Accessories		
Solid tires	Overhead anti-collision device	Glazier kit
Half mesh	Anti-pinch rail	

SINOBOOM™
— NORTH AMERICA

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Model	AB460EJ	AB520EJ
Dimensions		
Max Platform Height	45'11" (14 m)	51'6" (15.7 m)
Max Working Height	51'11" (15.8 m)	57'6" (17.5 m)
Max Horizontal Outreach	24'11" (7.6 m)	30'6" (9.3 m)
Max Up and Over Clearance	25'7" (7.8 m)	25'7" (7.8 m)
A Stowed Length	19'8" (6 m)	22'4" (6.8 m)
B Overall Width	5'8" (1.73 m)	6'3" (1.9 m)
C Stowed Height	6'7" (2 m)	6'7" (2 m)
Stowed Length (Transport)	19'8" (6 m)	22'4" (6.8 m)
Overall Width (Transport)	5'8" (1.73 m)	6'3" (1.9 m)
Stowed Height (Transport)	6'7" (2 m)	6'7" (2 m)
D Wheelbase	6'3" (1.9 m)	6'3" (1.9 m)
Ground Clearance	8.7" (0.22 m)	8.7" (0.22 m)
Platform Dimensions(L×W×H)	4'9"×2'9"×3'7" (1.45 m×0.85 m×1.1 m)	6'×2'9"×3'7" (1.83 m×0.85 m×1.1 m)
Performance		
Max Platform Capacity	507 lbs (230 kg)	507 lbs (230 kg)
Max Platform Occupants	2 Persons	2 Persons
Drive Speed (Stowed)	3.2 mph (5.2 km/h)	3.2 mph (5.2 km/h)
Drive Speed (Raised)	0.5 mph (0.8 km/h)	0.5 mph (0.8 km/h)
Gradeability	30%	30%
Turntable Rotation	355° /Non-continuous	355° /Non-continuous
Platform Rotation	160°	160°
Tilt Rating	5°	5°
Turning Radius (Inside/Outside)	3'9"/11'6" (1.15 m/3.51 m)	2'4"/10'10" (0.7 m/3.31 m)
Turntable Tail-Swing	0 m	2" (50 mm)
Max Allowable Side Force	90 lbf (400 N)	90 lbf (400 N)
Max Allowable Wind Speed	28 mph (12.5 m/s)	28 mph (12.5 m/s)
Tire Spec/Type	240/55D17.5 Foam-filled	240/55D17.5 Foam-filled
Power		
Drive × Steer	2WD×2WS	2WD×2WS
Batteries	48 V, 390 Ah (AGM batteries)	48 V, 390 Ah (AGM batteries)
Hydraulic Tank Capacity	8.8 gal (UK)/10.6 gal (US) (40L)	8.8 gal (UK)/10.6 gal (US) (40L)
System Voltage	12 VDC	12 VDC
Weight		
Weight	15,653 lbs (7,100 kg)	16,094 lbs (7,300 kg)
Standards Compliance		
	ANSI/CSA	ANSI/CSA

