

ELECTRIC ARTICULATING BOOM LIFTS

AB13ERJN (AB430ERJN)

Compliant with CE/ANSI/CSA standards

PRODUCT HIGHLIGHTS

Flexible Operation & Superior Mobility

- Setting a new benchmark with standard rotating jib, no pothole guard design, and competitive outreach, **delivering exceptional versatility for a wider range of applications and helping rental companies maximize fleet utilization**
- Ultra-compact 1.5 m (4'11") width allows easy access through standard double doorways and in confined work areas
- Zero tail-swing enables operation close to walls and obstacles

Outstanding Performance

- Industry-leading platform capacity of 507 lb (230 kg)
- Fully proportional joysticks provide smooth and precise operation
- AC drive motors deliver high efficiency with maintenance-free performance

Zero-emission Performance

- Emission-free operation for indoor and environmentally sensitive applications
- Electric boom functions and AC drive systems provide excellent runtime



Standard Features		
Hydraulic platform leveling	180° platform rotation	Max tilt rating to 3°
Hydraulic cylinder protective covers	140° jib rotation	Flashing Beacon
Tilt protection system	Weighing system	Fault diagnosis system
Emergency stop system	Emergency lowering system	Rear position and travel confirmation
AC outlet in platform	Horn and buzzer for safety warning	Manual storage box
Secondary guarding device		
Options & Accessories		
Anti-collision device	Platform guard rail	Platform with swing gate
Platform work lights	Tracks system (GPS)	White noise alarm
Tool box		

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Model	AB13ERJN (AB430ERJN)
Dimensions	
Max Platform Height	13 m (42'8")
Max Working Height	15 m (49'3")
Max Horizontal Reach	7.4 m (24'3")
Max Horizontal Working Envelope	8 m (26'3")
Max Up and Over Clearance	5.9 m (19'4")
A Stowed Length	6.98 m (22'11")
B Stowed Width	1.5 m (4'11")
C Stowed Height	1.98 m (6'6")
Stowed Length (Transport)	5.48 m (18')
Stowed Width (Transport)	1.97 m (6'6")
Stowed Height (Transport)	1.98 m (6'6")
D Wheelbase	1.75 m (5'9")
Ground Clearance	0.13 m (5.1")
Platform Dimensions (L×W×H)	1.4 m×0.8 m×1.1 m (55.1"×31.5"×43.3")
Performance	
Max Platform Capacity	230 kg (507 lbs)
Max Platform Occupants	2 Persons
Drive Speed (Stowed / Raised)	0 ~ 6 km/h (0 ~ 3.7 mph) 0 ~ 0.6 km/h (0 ~ 0.4 mph)
Gradeability (2WD)	25%
Turntable Rotation	355° / Non-Continuous
Platform Rotation	180°
Jib Rotation	140°
Tilt Rating	3°
Turning Radius (Inside/Outside)	0.9 m/3 m (2'11"/9'10")
Turntable Tail-Swing	0 m
Max Allowable Side Force	400 N (90 lbf)
Max Allowable Wind Speed	12.5 m/s (28 mph)
Tire Spec/Type	600×190 (non-marking,solid)
Power	
Drive × Steer	2WD×2WS
Batteries (Number×Voltage, Capacity)	8×6 V,335 Ah (5 hr)/390 Ah (20 hr) (AGM batteries)
Hydraulic Tank Capacity	40L (8.8 gal (UK)/10.6 gal (US))
Control Voltage	12 VDC
Weight	
Weight	7,700 kg (16,976 lbs)
Standards Compliance	CE/ANSI/CSA

