

ELECTRIC ARTICULATING BOOM LIFTS

AB13ERJN (AB430ERJN)/AB15ERJN (AB490ERJN)

Compliant with CE/ANSI/CSA/GB standards

PRODUCT HIGHLIGHTS

Outstanding Performance

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

Flexible Operation

- Small compact design allows for standard double door entry and easy maneuverability in confined jobsites
- Rotating jib allows overhead access into the most congested work areas
- Zero Tail-Swing allows for operation up against obstacles

Energy-saving and Environmentally Friendly

- Emission-free operation for the most sensitive work environments
- Electric boom functions and AC drive systems provide excellent run times



Standard Features

Hydraulic platform leveling	180° platform rotation	Max tilt rating to 3°
Hydraulic cylinder protective covers	140° jib rotation(AB13ERJN) / 100° jib rotation(AB15ERJN)	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)	AB15ERJN (AB490ERJN)
Dimensions		
Max Platform Height	13 m (42'8")	14.8 m (48'7")
Max Working Height	15 m (49'3")	16.8 m (55'2")
Max Horizontal Reach	7.4 m (24'3")	7 m (22'11.6")
Max Up and Over Clearance	5.9 m (19'4")	7.7 m (25'3")
A Stowed Length	6.98 m (22'11")	6.98 m (22'11")
B Stowed Width	1.5 m (4'11")	1.5 m (4'11")
C Stowed Height	1.98 m (6'6")	1.98 m (6'6")
Stowed Length (Transport)	5.48 m (18')	5.82 m (19'1")
Stowed Width (Transport)	1.97 m (6'6")	2 m (6'7")
Stowed Height (Transport)	1.98 m (6'6")	1.98 m (6'6")
D Wheelbase	1.75 m (5'9")	1.75 m (5'9")
Ground Clearance	0.13 m (5.1")	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")	1.4 m×0.8 m×1.1 m (55.1"×31.5"×43.3")
Performance		
Max Platform Capacity	230 kg (507 lbs)	230 kg (507lbs)
Max Platform Occupants	2 Persons	2 Persons
Drive Speed (Stowed)	0 ~ 6 km/h (0 ~ 3.7 mph)	0 ~ 6 km/h (0 ~ 3.7 mph)
Drive Speed (Raised)	0 ~ 0.6 km/h (0 ~ 0.4 mph)	0 ~ 0.6 km/h (0 ~ 0.4 mph)
Gradeability (2WD)	25%	25%
Turntable Rotation	355° / Non-Continuous	355° / Non-Continuous
Platform Rotation	180°	180°
Jib Rotation	140°	100°
Tilt Rating	3°	3°
Turning Radius (Inside/Outside)	0.9 m/3 m (2'11"/9'10")	0.9 m/3 m (2'11"/9'10")
Turntable Tail-Swing	0 m	0.035m (1.4")
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	600×190 (non-marking,solid)	600×190 (non-marking,solid)
Power		
Drive × Steer	2WD×2WS	2WD×2WS
Batteries (Number×Voltage, Capacity)	8×6 V,335 Ah (5 hr)/390 Ah (20 hr) (lead acid battery) 51.2 V / 315 Ah (lithium battery)	8×6 V, 340 Ah (5 hr)/390 Ah (20 hr) (lead acid battery) 51.2 V / 315Ah (lithium battery)
Hydraulic Tank Capacity	40L (8.8 gal (UK)/10.6 gal (US))	40L (8.8 gal (UK)/10.6 gal (US))
Control Voltage	12 VDC	12 VDC
Weight		
Weight	7,700 kg (16,976 lbs)	8,500 kg (18,739 lbs)
Standards Compliance	CE/ANSI/CSA/GB	CE/ANSI/CSA/GB

