

ELECTRIC ARTICULATING BOOM LIFTS

AB430ERJN/AB490ERJN

Compliant with CSA/ANSI 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(AB430ERJN) / 100° jib rotation(AB490ERJN)	Flashing beacon
Tilt protection system	Weighing system	Fault diagnosis system
Emergency stop system	Emergency lowering system	Rear position and travel confirmation
AC power to the platform	Horn and buzzer for safety warning	Manual storage box
Options & Accessories		
Anti-collision device	Platform guard rail	Platform with swing gate
Platform work lights	Telematics	White noise alarm
Tool box		

SINOBOOM™
— NORTH AMERICA

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Model	AB430ERJN	AB490ERJN
Dimensions		
Max Platform Height	42'8" (13 m)	48'7" (14.8 m)
Max Working Height	48'8" (14.8 m)	54'7" (16.6 m)
Max Horizontal Reach	24'3" (7.4 m)	23'4" (7.1 m)
Max Up and Over Clearance	19'8" (6.0 m)	26'3" (8 m)
A Stowed Length	22'11" (6.98 m)	22'11" (6.98 m)
B Stowed Width	4'11" (1.5 m)	4'11" (1.5 m)
C Stowed Height	6'6" (1.98 m)	6'6" (1.98 m)
Stowed Length (Transport)	18' (5.48 m)	19'1" (5.82 m)
Stowed Width (Transport)	6'6" (1.97 m)	6'7" (2. m)
Stowed Height (Transport)	6'6" (1.98 m)	6'6" (1.98 m)
D Wheelbase	5'9" (1.75 m)	5'9" (1.75 m)
Ground Clearance (Pothole Guard Deployed)	5.3" (0.135 m)	5.3" (0.135 m)
Platform Dimensions(L×W×H)	55.1"×31.5"×43.3" (1.4 m×0.8 m×1.1 m)	55.1"×31.5"×43.3" (1.4 m×0.8 m×1.1 m)
Performance		
Max Platform Capacity	507 lbs (230 kg)	507lbs (230 kg)
Max Platform Occupants	2 Persons	2 Persons
Drive Speed (Stowed)	0 ~ 3.7 mph (0 ~ 6 km/h)	0 ~ 3.7 mph (0 ~ 6 km/h)
Drive Speed (Raised)	0 ~ 0.4 mph (0 ~ 0.6 km/h)	0 ~ 0.4 mph (0 ~ 0.6 km/h)
Gradeability (2WD)	25%	25%
Turntable Rotation	355° / Non-Continuous	355° / Non-Continuous
Platform Rotation	180°	180°
Tilt Rating	3°	3°
Turning Radius (Inside/Outside)	2'11"/9'10" (0.9 m/3 m)	2'11"/9'10" (0.9 m/3 m)
Turntable Tail-Swing	0 m	1.4" (0.035m)
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	600×190 (non-marking,solid)	600×190 (non-marking,solid)
Power		
Drive × Steer	2WD×2WS	2WD×2WS
Batteries	48V / 390Ah (lead acid battery) 48V / 315Ah (lithium battery)	48V / 390Ah (lead acid battery) 48V / 315Ah (lithium battery)
Hydraulic Tank Capacity	8.8 gal (UK)/10.6 gal (US) (40L)	8.8 gal (UK)/10.6 gal (US) (40L)
Control Voltage	12 VDC	12 VDC
Weight		
Weight	16,976 lbs (7,700 kg)	18,739 lbs (8,500 kg)
Standards Compliance	CSA/ANSI	CSA/ANSI

