

ENGINE POWERED ARTICULATING BOOM LIFTS

AB850J PLUS

Compliant with ANSI/CSA standards

PRODUCT HIGHLIGHTS

Leading Platform Height

- Highest platform height in the industry at 84'2" (25.65 m)

Leading Horizontal Outreach

- Best horizontal outreach in the industry at 62'8" (19.1m)

4WS With 4 Steering Modes

- Providing excellent maneuverability

Safer Boom Interlocks

- The primary and secondary boom sections come with dual-interlocks for increased safety

Excellent Rough Terrain Performance

- Excellent 4WD performance thanks to our full-time active oscillating front axle, 40% gradeability, and high ground clearance, makes it a great choice for all applications



Standard Features		
Automatic platform leveling	180° platform rotation	Full-time oscillating front axle
Hydraulic cylinder protective sleeves	Weighing system	Max allowable tilt angle at 5°
Flashing beacon	Emergency lowering system	4WD x 4WS
Tilt protection system	Horn and buzzer	Fault diagnosis system
Emergency stop system	7-in color smart screen	Motion alarm
Fully proportional control joysticks	Foot pedal	360° continuous turntable rotation
Manual storage box	8' (2.44m) side entry swing gate	
Foam-filled RT tires	Secondary guarding device	
AC power to the platform		
Options & Accessories		
Solid tires	Hydraulic generator	Platform Pinch Guard
Half-mesh(for platform with side entry swing gate)	Non-marking Foam filled tires	
Platform work lights	Overhead anti-collision device	
Glass bracket(for platform with side entry swing gate)	Telematics	

SINOBOOM™

PARTNERS IN ACCESS™

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Model	AB850J Plus
Dimensions	
Max Platform Height	84'2" (25.65 m)
Max Working Height	90'2" (27.45 m)
Max Horizontal Outreach (230kg/340kg)	62'8"/55'9" (19.1 m /17.0 m)
Max Up and Over Clearance	29'9" (9.07 m)
A Stowed Length	39'8" (12.09 m)
B Machine Width	8'2" (2.49 m)
C Stowed Height	9'7" (2.93 m)
Stowed Length (Transport)	31'2" (9.49 m)
Stowed Height (Transport)	10'9" (3.28 m)
D Wheelbase	9'10" (3.0 m)
Ground Clearance	1'6" (0.46 m)
Platform Size (L×W×H)	8' x 3' x 3'7" (2.44 m x 0.91 m x 1.1 m)
Performance	
Max Platform Capacity (Unrestricted/Restricted)	507 lbs/749 lbs (230 kg/340 kg)
Max Platform Occupants	2 Persons
Drive Speed (Stowed)	0~3.0 mph (0~4.8 km/h)
Drive Speed (Raised)	0~0.7 mph (0~1.1 km/h)
Gradeability	45%
Turntable Rotation	360°/Continuous
Platform Rotation	180°
Tilt Rating	5°
Turning Radius(Inside/Outside)	11'12"/ 22'8" (3.65 m/6.91 m)(Two-wheel steering) 7'5"/ 15'1" (2.25 m/4.60 m)(Four-wheel steering)
Turntable Tail-swing	3'8" (1.13 m)
Max Allowable Side Force	90 lbf (400 N)
Max Allowable Wind Speed	28 mph (12.5 m/s)
Tire Spec/Type	385/65-22.5 /foam-filled
Power	
Drive × Steer	4WD×4WS (2WS optional)
Engine	74.4 kW/2300rpm/TCD3.6 L4 Stage V+T4f/Deutz/ EU Stage V
Hydraulic Tank Capacity	47.6 gal (39.6 gal(UK)/180 L)
Diesel Tank Capacity	39.6 gal (33.0 gal(UK)/150 L)
System Voltage	12 V DC
Weight	
Weight	41,358 lbs (18,760kg)(Four-wheel steering)
Standards Compliance	ANSI/CSA

