

ELECTRIC ARTICULATING BOOM LIFTS

AB26EJ PLUS (AB850EJ PLUS)

Compliant with CE/EAC/AS standards

PRODUCT HIGHLIGHTS

Leading Platform Height

- 25.65 m (84'2") platform height, higher than most other brands in this range.

Leading Horizontal Outreach

- 19.1 m (62'8") maximum horizontal outreach, longer than most other brands in this range.

Increased Platform Capacity

- Update the platform capacity from 230kg to 230kg/340 kg(unrestricted/restricted)

Active Oscillating Function

- allow oscillating at both stowed and raised positions

4WS with 3 Steering Modes

- Convenience for driving on the narrow job site

Transport in Container

- The new boom structure design allows driving into container for transportation

Safer Boom Movement Interlock

- The telescopic and lifting of the secondary boom are hydraulic and electric dual interlocked. Compared to only electric interlock, it is more reliable and safer

Reliable Electric Components

- Same driving motors and motor controllers as other electric booms
- Lithium battery

Standard Features		
Electric platform leveling	180°platform rotation	Active oscillating function
Automotive sleeves for all pipes	Four-wheel brake	Max allowable tilt angle at 5°
Flashing beacon	Weighing system	4WD x 4WS
Tilt protection system	Emergency lowering system	Fault diagnosis system
Emergency stop system	Horn and buzzer	Motion alarm
Mechanical release for travel braking	7-in smart screen	Rear position and travel confirmation
Manual storage box	Foot switch	360° continuous turntable rotation
Foam-filled non-marking tires	2.44m side entry swing gate	Proportional control with 3 joysticks
Telematics-ready connector	Secondary guarding device	Lithium battery
Drive into container for transport	Tool box	
Options & Accessories		
AC power to platform	Solid tire	Solid Non-marking tire
Foam-filled tires	Half-mesh	Glazier kit
Working light on the platform	Overhead anti-collision device	Anti-finger pinch device
Manual storage box		

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ELECTRIC ARTICULATING BOOM LIFTS

AB26EJ PLUS (AB850EJ PLUS)

Compliant with CE/EAC standards

Model	AB26EJ Plus (AB850EJ Plus)
Dimensions	
Max Platform Height	25.65 m (84'2")
Max Working Height	27.65 m (90'9")
Max Horizontal Outreach (230kg/340kg)	19.1 m /17.0 m (62'8" /55'9")
Max Up and Over Clearance	9.07 m (29'9")
A Stowed Length	12.09 m (39'8")
B Machine Width	2.49 m (8'2")
C Stowed Height	2.93 m (9'7")
Stowed Length (Transport)	9.49 m (31'2")
Stowed Height (Transport)	3.28 m (10'9")
D Wheelbase	3.0 m (9'10")
Ground Clearance	0.46 m (1'6")
Platform Size (L×W×H)	2.44 m × 0.91 m × 1.1 m (8' × 3' × 3'7")
Performance	
Max Platform Capacity (Unrestricted/Restricted)	230 kg/340 kg (507 lbs/749 lbs)
Max Platform Occupants	2 Persons
Drive Speed (Stowed)	0 ~ 4.8 km/h (0 ~ 3.0 mph)
Drive Speed (Raised)	0 ~ 1.1 km/h (0 ~ 0.7 mph)
Gradeability	45%
Turntable Rotation	360° /Continuous
Platform Rotation	180°
Tilt Rating	5°
Turning Radius(Inside/Outside)	3.65 m/6.91 m (11'12" / 22'8") (Two-wheel steering) 2.25 m/4.60 m (7'5" / 15'1") (Four-wheel steering)
Turntable Tail-swing	1.13 m (3'8")
Max Allowable Side Force	400 N (90 lbf)
Max Allowable Wind Speed	12.5 m/s (28 mph)
Tire Spec/Type	385/65-22.5 /foam-filled
Power	
Drive × Steer	4 WD×4 WS (2 WS optional)
Batteries	80 V, 500 Ah (lithium battery)
Hydraulic Tank Capacity	180 L (39.6 gal(UK)/47.6 gal(US))
Oil Capacity of Hydraulic Tank	150 L (33.0 gal(UK)/39.6 gal(US))
Hydraulic System Pressure	22 MPa (3191Psi)
System Voltage	80 V DC
Weight	
Weight	18,670 kg (41,160 lbs)(Two-wheel steering) 18,750 kg (41,336 lbs)(Four-wheel steering)
Standards Compliance	
CE/EAC	

