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	Anemometer		



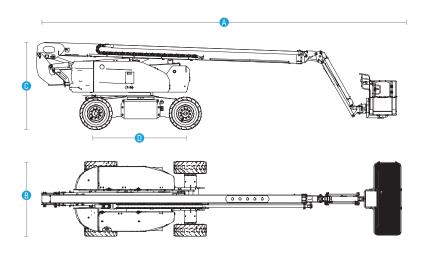


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Model	AB26EJ Plus (AB850EJ Plus)		
Dimensions			
Max Platform Height	25.65 m (84'2")		
Max Working Height	27.65 m (90'9")		
Max Horizontal Outreach (230kg/340kg)	19.1 m /17.0 m (62'8"/55'9")		
Max Up and Over Clearance	8.8 m (28'10")		
A Stowed Length	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	0.3 m (1')		
Platform Size $(L \times W \times H)$	$2.44 \text{ m} \times 0.91 \text{ m} \times 1.1 \text{ m} (8' \times 3' \times 3'7")$		
	Performance		
Max Platform Capacity (Unrestricted/Restricted)	230 kg/340 kg (507 lbs/749 lbs)		
Max Platform Occupants	2 Persons		
Drive Speed (Stowed)	$0 \sim 4.8 \text{ km/h} (0 \sim 3.0 \text{ mph})$		
Drive Speed (Raised)	$0\sim1.1$ km/h ($0\sim0.7$ 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	83.2 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

