

## 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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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                       | 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×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)<br>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)<br>18,750 kg (41,336 lbs)(Four-wheel steering)                 |
| Standards Compliance                            | CE/EAC                                                                                                    |

