

ARTICULATED BOOM LIFT

**AB26EJ PLUS (AB850EJ PLUS)**

Electric Articulated Boom Lift

MANUFACTURER · SINOBOOM



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# ELECTRIC ARTICULATING BOOM LIFTS

## AB26EJ PLUS (AB850EJ PLUS)

Compliant with AS 1418 · 10 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           |                           |                           |
|-----------------------------|---------------------------|---------------------------|
| 4WD×4WS                     | Fault diagnosis system    | Telematic ready           |
| Hydraulic platform leveling | Emergency lowering system | Battery isolator          |
| Flashing beacon             | Lithium Batteries         | Secondary guarding system |
| Proportional control        | Weight management system  | White noise alarm         |
| Tilt protection system      | Non-marking tires         | Half-mesh for platform    |
| Manual storage box          |                           |                           |
| Options & Accessories       |                           |                           |
| Wheel nut indicators        | Panel lifting system      | Telematic device          |
| Fire extinguisher/Bracket   | Mine spec                 | Driving light             |
| Pipe lifting system         | AC power to platform      |                           |

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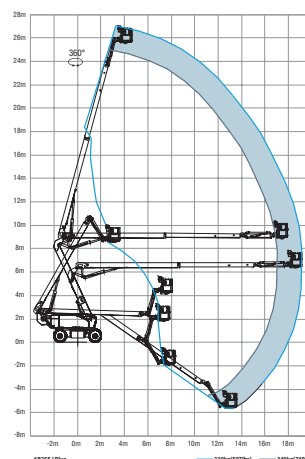
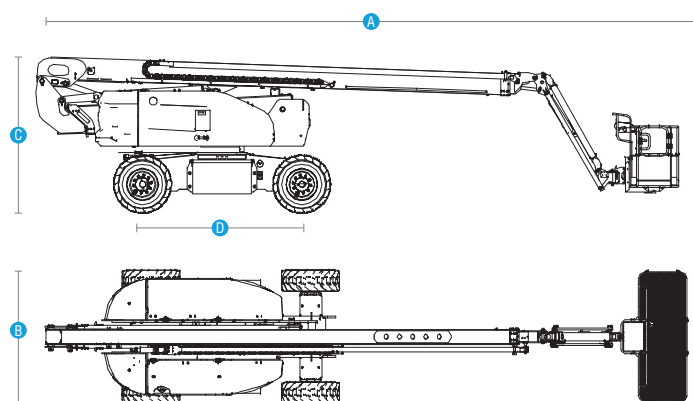
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## ELECTRIC ARTICULATING BOOM LIFTS

# AB26EJ PLUS (AB850EJ PLUS)

Compliant with AS 1418 · 10 standards

| Model                                           | AB26EJ Plus (AB850EJ Plus)                         |
|-------------------------------------------------|----------------------------------------------------|
| <b>Dimensions</b>                               |                                                    |
| 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')                                       |
| 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 (1'5.1")                                    |
| Platform Size (L×W×H)                           | 2.44 m × 0.91 m × 1.1 m (8' × 3' × 3'7")           |
| <b>Performance</b>                              |                                                    |
| 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)                  | 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                           |
| <b>Power</b>                                    |                                                    |
| Drive × Steer                                   | 4 WD × 4 WS                                        |
| 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                                            |
| <b>Weight</b>                                   |                                                    |
| Weight                                          | 18,750 kg (41,336 lbs)(Four-wheel steering)        |
| Standards Compliance                            | AS 1418 · 10                                       |



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