

## ELECTRIC ARTICULATING BOOM LIFTS

# AB610EJ PLUS

Compliant with ANSI/CSA/EU standards

### PRODUCT HIGHLIGHTS

#### Operational Efficiency & Safety

- High load capacity 551/750 lbs (250/340kg)
- Increases single-operation workload while ensuring safer operation

#### Working Condition Adaptability

- Large working envelope, and up and over capabilities
- Suitable for diverse and complex construction applications

#### Robust Design

- Heavy-duty steel construction and reinforced steering linkage provide unmatched durability and reliability

#### Usability

- Range extenders adapt to scenarios with insufficient charging
- 80V lithium battery platform enhances endurance and reduces charging frequency
- Industry-leading 7-inch screen and OTA functionality, providing the technicians with convenient access to live machine and maintenance information



#### Standard Features

|                                       |                                             |                                       |                    |
|---------------------------------------|---------------------------------------------|---------------------------------------|--------------------|
| Full-time active oscillating function | Platform rotation function                  | Max tilt rating to 5°                 | Manual storage box |
| Cylinder belows (Covers)              | Four-wheel brake                            | Flashing Beacon                       | Cup holders        |
| Tilt protection system                | Overload sensing system                     | Fault diagnosis system                |                    |
| Emergency stop system                 | Emergency lowering system                   | Drive enable system                   |                    |
| Brake release                         | Horn & buzzer                               | Continuous turntable rotation in 360° |                    |
| 7-in smart screen                     | Fully proportional joysticks                | Over-head anti-collision device       |                    |
| Lead-acid battery                     | Platform with swing gate (8'0"× 3'0"× 3'7") | AC power to platform                  |                    |

#### Options & Accessories

|                                          |                           |                          |
|------------------------------------------|---------------------------|--------------------------|
| Lithium battery                          | Solid tire                | Non-marking tire         |
| Range extender                           | Four-wheel steering       | Working light            |
| Glazier package (window support bracket) | Platform half-height mesh | Platform anti-pinch rail |
| Platform anti-pinch rail                 | Platform full-height mesh |                          |

**SINOBOOM™**

**PARTNERS IN ACCESS™**

SINOBOOM.COM | SALES@SINOBOOM.COM

NO.128 EAST JINZHOU AV., NINGXIANG HI-TECH INDUSTRY PARK, CHANGSHA, HUNAN, CHINA, 410600

ELECTRIC ARTICULATING BOOM LIFTS

AB610EJ PLUS

Compliant with ANSI/CSA/EU standards

| Model                                                                              | AB610EJ PLUS (AB18EJ PLUS)                                                   |
|------------------------------------------------------------------------------------|------------------------------------------------------------------------------|
| Dimensions                                                                         |                                                                              |
| Max Platform Height                                                                | 60'11" (18.58 m)                                                             |
| Max Working Height                                                                 | 66'11" (20.40 m)                                                             |
| Max Horizontal Reach (250 kg/340 kg)                                               | 39'4"/35'1" (12 m/10.7 m)                                                    |
| Max Horizontal Working Envelope (250 kg/340 kg)                                    | 41'4"/37'1" (12.6 m/11.3 m)                                                  |
| Max Up and Over Clearance                                                          | 26'2" (7.98 m)                                                               |
| A Machine Length (Stowed/Transport)                                                | 28'10" (8.8 m)                                                               |
| B Machine Width (Stowed/Transport)                                                 | 8'2" (2.49 m)                                                                |
| C Machine Height (Stowed/Transport)                                                | 8'4" (2.54 m)                                                                |
| D Wheelbase                                                                        | 8'2" (2.49 m)                                                                |
| Ground Clearance                                                                   | 1'2" (0.36 m)                                                                |
| Platform Size (L×W×H)                                                              | 8'×3'×3'7" (2.44×0.91×1.1 m)                                                 |
| Performance                                                                        |                                                                              |
| Max Platform Capacity (Unrestricted/Restricted)                                    | 551 lbs/750 lbs (250 kg/340 kg)                                              |
| Max Platform Occupancy                                                             | 2 persons                                                                    |
| Drive Speed (Stowed/Raised)                                                        | 0 ~ 3 mph (0 ~ 4.8 km/h)   0 ~ 0.68 mph (0 ~ 1.1 km/h)                       |
| Gradeability (4WD)                                                                 | 45%                                                                          |
| Turntable Rotation (Angle/Continuity)                                              | 360° / Continuous                                                            |
| Platform Rotation                                                                  | 180°                                                                         |
| Tilt Rating                                                                        | 5°                                                                           |
| Turning Radius (Inside/Outside)—Two-wheel steering                                 | 7'10"/18'3" (2.4 m/5.55 m)                                                   |
| Turning Radius (Inside/Outside)—Four-wheel steering                                | 5'4"/11'9" (1.63 m/3.59 m)                                                   |
| Turntable Tail-swing                                                               | 2'7" (0.78 m)                                                                |
| Max Allowable Side Force                                                           | 90 lbf (400 N)                                                               |
| Max Allowable Wind Speed                                                           | 28 mph (12.5 m/s)                                                            |
| Tire Spec/Type                                                                     | 355/55D625 (foam-filled)   36×14-20 (solid)                                  |
| Power                                                                              |                                                                              |
| Drive×Steer                                                                        | 4 WD×2 WS (4WS)                                                              |
| Hydraulic Tank Capacity                                                            | 34.3 gal (28.6 gal (UK)/130 L)                                               |
| Oil Capacity of Hydraulic Tank                                                     | 29.1 gal (24.2 gal (UK)/110 L)                                               |
| Hydraulic System Pressure                                                          | 3,191 Psi (22 MPa)                                                           |
| Battery (Voltage/Capacity)                                                         | 2×24 V,480 Ah (5 hr) (lead acid battery)   51.2 V / 500 Ah (lithium battery) |
| Control Voltage                                                                    | 12V DC                                                                       |
| Weight                                                                             |                                                                              |
| Weight (Lithium battery I / Lithium battery II -range extender/ lead acid battery) | 21,164 lbs (9,600 kg) / 21,936 lbs (9,950 kg) / 22,377 lbs (10,150 kg)       |
| Standards Compliance                                                               | ANSI/CSA/EU                                                                  |

