

## ELECTRIC ARTICULATING BOOM LIFTS

# AB13ERJN (AB430ERJN)/AB15ERJN (AB490ERJN)

Compliant with CE/ANSI/AS/GB standards

## PRODUCT HIGHLIGHTS

### Outstanding Performance

- Industry leading platform capacity of 507lb (230kg)
- Fully proportional joysticks offer smooth and precise operation
- AC drive motors offer high efficiency and maintenance free operation

### Flexible Operation

- Small compact design allows for standard double door entry and easy maneuverability in confined jobsites
- Rotating jib allows overhead access into the most congested work areas
- Zero Tail-Swing allows for operation up against obstacles

### Energy-saving and Environmentally Friendly

- Emission-free operation for the most sensitive work environments
- Electric boom functions and AC drive systems provide excellent run times



#### Standard Features

|                                      |   |                                       |
|--------------------------------------|---|---------------------------------------|
| Hydraulic platform leveling          | 180° platform rotation                                    | Max tilt rating to 3°                 |
| Hydraulic cylinder protective covers | 140° jib rotation(AB13ERJN) / 100° jib rotation(AB15ERJN) | Flashing Beacon                       |
| Tilt protection system               | Weighing system   | Fault diagnosis system                |
| Emergency stop system                | Emergency lowering system                                 | Rear position and travel confirmation |
| AC outlet in platform                | Horn and buzzer for safety warning                        | Manual storage box                    |

#### Options & Accessories

|                       |                     |                          |
|-----------------------|---------------------|--------------------------|
| Anti-collision device | Platform guard rail | Platform with swing gate |
| Platform work lights  | Tracks system (GPS) | White noise alarm        |
| Tool box              |                     |                          |

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| Model                                     | AB13ERJN (AB430ERJN)   | AB15ERJN (AB490ERJN)   |
|---|--|--|
| <b>Dimensions</b>                         |  |  |
| Max Platform Height                       | 13 m (42'8")   | 14.8 m (48'7")   |
| Max Working Height                        | 15 m (49'3")   | 16.8 m (55'2")   |
| Max Horizontal Reach                      | 7.4 m (24'3")  | 7.1 m (23'4")  |
| Max Up and Over Clearance                 | 6.0 m (19'8")  | 8 m (26'3")  |
| A Stowed Length                           | 6.98 m (22'11")  | 6.98 m (22'11")  |
| B Stowed Width                            | 1.5 m (4'11")  | 1.5 m (4'11")  |
| C Stowed Height                           | 1.98 m (6'6")  | 1.98 m (6'6")  |
| Stowed Length (Transport)                 | 5.48 m (18')   | 5.82 m (19'1")   |
| Stowed Width (Transport)                  | 1.97 m (6'6")  | 2. m (6'7")  |
| Stowed Height (Transport)                 | 1.98 m (6'6")  | 1.98 m (6'6")  |
| D Wheelbase                               | 1.75 m (5'9")  | 1.75 m (5'9")  |
| Ground Clearance (Pothole Guard Deployed) | 0.135 m (5.3")   | 0.135 m (5.3")   |
| Platform Dimensions(L×W×H)                | 1.4 m×0.8 m×1.1 m (55.1"×31.5"×43.3")                            | 1.4 m×0.8 m×1.1 m (55.1"×31.5"×43.3")                            |
| <b>Performance</b>                        |  |  |
| Max Platform Capacity                     | 230 kg (507 lbs)   | 230 kg (507lbs)  |
| Max Platform Occupants                    | 2 Persons  | 2 Persons  |
| Drive Speed (Stowed)                      | 0 ~ 6 km/h (0 ~ 3.7 mph)   | 0 ~ 6 km/h (0 ~ 3.7 mph)   |
| Drive Speed (Raised)                      | 0 ~ 0.6 km/h (0 ~ 0.4 mph)                                       | 0 ~ 0.6 km/h (0 ~ 0.4 mph)                                       |
| Gradeability (2WD)                        | 25%  | 25%  |
| Turntable Rotation                        | 355° / Non-Continuous  | 355° / Non-Continuous  |
| Platform Rotation                         | 180°   | 180°   |
| Tilt Rating                               | 3°   | 3°   |
| Turning Radius (Inside/Outside)           | 0.9 m/3 m (2'11"/9'10")  | 0.9 m/3 m (2'11"/9'10")  |
| Turntable Tail-Swing                      | 0 m  | 0.035m (1.4")  |
| Max Allowable Side Force                  | 400 N (90 lbf)   | 400 N (90 lbf)   |
| Max Allowable Wind Speed                  | 12.5 m/s (28 mph)  | 12.5 m/s (28 mph)  |
| Tire Spec/Type                            | 600×190 (non-marking,solid)                                      | 600×190 (non-marking,solid)                                      |
| <b>Power</b>                              |  |  |
| Drive × Steer                             | 2WD×2WS  | 2WD×2WS  |
| Batteries                                 | 48V / 390Ah (lead acid battery)<br>48V / 315Ah (lithium battery) | 48V / 390Ah (lead acid battery)<br>48V / 315Ah (lithium battery) |
| Hydraulic Tank Capacity                   | 40L (8.8 gal (UK)/10.6 gal (US))                                 | 40L (8.8 gal (UK)/10.6 gal (US))                                 |
| Control Voltage                           | 12 VDC   | 12 VDC   |
| <b>Weight</b>                             |  |  |
| Weight                                    | 7,700 kg (16,976 lbs)  | 8,500 kg (18,739 lbs)  |
| Standards Compliance                      | CE/ANSI/AS/GB  | CE/ANSI/AS/GB  |

