

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 |
| Secondary guarding device | | |
| 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) |
|--------------------------------------|---|--|
| Dimensions | | |
| 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 | 5.9 m (19'4") | 7.7 m (25'3") |
| 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") | 2.01m (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 | 0.13 m (5.1") | 0.13 m (5.1") |
| 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") |
| Performance | | |
| 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) |
| Power | | |
| Drive × Steer | 2WD×2WS | 2WD×2WS |
| Batteries (Number×Voltage, Capacity) | 8×6 V,335 Ah (5 hr)/390 Ah (20 hr) (lead acid battery) 48 V / 315 Ah (lithium battery) | 8×6 V, 335 Ah (5 hr)/390 Ah (20 hr) (lead acid battery) 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 |
| Weight | | |
| Weight | 7,700 kg (16,976 lbs) | 8,500 kg (18,739 lbs) |
| Standards Compliance | CE/ANSI/AS/GB | CE/ANSI/AS/GB |

