

## ENGINE POWERED ARTICULATING BOOM LIFTS

# AB22J PLUS (AB710J PLUS)

Compliant with CE/EAC/AS standards

## HIGHLIGHTS

### 3 Heavy-duty Loading Capacities

- 230 kg (unrestricted) / 340kg (restricted) / 454kg (restricted)
- Automatic switching according to load to maximize machine performance, providing a balance between large operating range and high operating efficiency

### Reliable Performance

- 4-wheel powerful drive, with a gradeability of up to 40%, and strong outdoor climbing ability
- Continuous 360 ° turntable rotation, for more flexible and efficient operation
- Active oscillating function in both operating and non-operating states, and a tilt rating of up to 5 °, providing adaptability to more rugged road surfaces and strong field operation ability

### Flexible and Efficient

- Shorter than a telescopic boom lift, it can easily cross obstacles, work more flexibly, and has a wider range of applications
- Can be transported by tow trucks, for convenient, low-cost transportation
- Can be transported directly in containers with low transportation costs



| Standard Features                         |   |                                       |
|---|---|---------------------------------------|
| Active oscillating function               | Four-wheel brake                        | 4WD×4WS                               |
| Continuous turntable rotation in 360°     | Automotive sleeves for all pipes        | 7-in smart screen                     |
| Hydraulic leveling for platform           | Platform rotation function              | Fault diagnosis system                |
| Tilt protection system                    | Max allowable tilt angle at 5°          | Weighing system                       |
| Rotating warning light for safety warning | Horn and buzzer for safety warning      | Rear position and travel confirmation |
| Emergency stop system                     | Emergency lowering system               | Mechanical release for travel braking |
| Proportional control with 3 joysticks     | 2.44 m (8') platform with swinging gate | Tool box                              |
| Secondary guarding device                 | Manual storage box                      |                                       |
| Options & Accessories                     |   |                                       |
| Telematics-ready connector                | Solid tire                              | Non-marking tire                      |
| Working light on the platform             | Anti-collision device                   | Hydraulic generator                   |
| Glazier kit                               | Half mesh                               | AC power to platform                  |
| Oil cooler                                | Anemometer                              |                                       |

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| Model  | AB22J PLUS (AB710J PLUS)  |
|--|---|
| Dimensions   |   |
| Max Platform Height  | 21.6 m (70'10")   |
| Max Working Height   | 23.6 m (77'5")  |
| Max Horizontal Reach (230 kg/340 kg/454 kg)                  | 13.35 m/11.85 m/10.4 m (43'10"/38'11"/34'2")  |
| Max Horizontal Working Envelope (230 kg/340 kg/454 kg)       | 13.95 m/12.45 m/11 m (45'9"/40'10"/36'1")   |
| Max Up and Over Clearance                                    | 8.9 m (29'2")   |
| A Stowed Length  | 9.95 m (32'8")  |
| B Machine Width  | 2.49 m (8'2")   |
| C Stowed Height  | 2.68 m (8'10")  |
| Stowed Length (Transport)                                    | 7.73 m (25'4")  |
| Stowed Height (Transport)                                    | 2.95 m (9'8")   |
| D Wheelbase  | 2.49 m (8'2")   |
| Ground Clearance   | 0.42 m (1'4")   |
| Platform Size (L×W×H)  | 2.44 m × 0.91 m × 1.1 m (8' × 3' × 3'7")  |
| Performance  |   |
| Max Platform Capacity (Restricted/ Restricted /Unrestricted) | 454 kg/340 kg /230 kg (1,000 lbs/750 lbs/507 lbs)   |
| Max Platform Occupants                                       | 2 persons (Unrestricted)/ 3 persons (Restricted)  |
| Drive Speed (Stowed)   | 0 ~ 4.8 km/h (0 ~ 3 mph)  |
| Drive Speed (Raised)   | 0 ~ 1.1km/h (0 ~ 0.68 mph)  |
| Gradeability   | 40%   |
| Turntable Rotation   | 360° /Continuous  |
| Platform Rotation  | 180°  |
| Tilt Rating  | 5°  |
| Turning Radius(Inside/Outside)- Two-wheel steering           | 2.4 m/5.55 m (7'10"/ 18'3")   |
| Turning Radius(Inside/Outside)- Four-wheel steering          | 1.63 m/3.59 m (5'4"/ 11'9")   |
| Turntable Tail-Swing   | 0.89 m(2'11")   |
| Max Allowable Side Force                                     | 400 N (90 lbf)  |
| Max Allowable Wind Speed                                     | 12.5 m/s (28 mph)   |
| Tire Spec/Type   | 355/55D625 (foam-filled) 36×14-20 (solid)   |
| Power  |   |
| Drive × Steer  | 4 WD×4 WS (2 WS)  |
| Engine   | 36.4 kW /2200 rpm/D2.9 L4 / Deutz /EU Stage V /EPA Tier 4F  36 kW/2200 rpm/ F2.8CS449 / Cummins / China T4  43 kW/2500 rpm/QSF2.8T3NA60 / Cummins / China T3、 EU Stage 3A  36.8 kW/2200 rpm/YCF3050 / Yuchai /China T4  36.5 kW/2200 rpm/YCF3050 / Yuchai /China T3 |
| Hydraulic Tank Capacity                                      | 130 L (28.6 gal (UK)/34.3 gal (US))   |
| Diesel Tank Capacity   | 100 L (22.0 gal (UK)/26.4 gal (US))   |
| Control Voltage  | 12 V DC   |
| Weight   |   |
| Weight (Two/Four-wheel steering)                             | 11,880 kg (26,190 lbs)/12,000 kg (26,455 lbs)   |
| Standards Compliance   | CE/EAC/AS   |

